

Insight Using Reports And Dashboards Reference Card Study Guide

Insight Using Reports and Dashboards Reference Card

In the fast-paced world of data-driven decision-making, leveraging effective tools to glean insights is essential for organizations aiming to stay competitive. An Insight Using Reports and Dashboards Reference Card serves as a compact, comprehensive guide that helps users understand how to interpret, create, and utilize reports and dashboards to generate meaningful insights. This reference card acts as a handy resource for business analysts, managers, and data enthusiasts to optimize their data visualization strategies and drive informed decisions.

Understanding Reports and Dashboards

Before diving into the specifics of utilizing reports and dashboards for insights, it's important to understand what each component entails and how they differ.

What are Reports?

Reports are structured documents that present data in a detailed or summarized format. They typically focus on answering specific questions or providing analysis on particular metrics.

- Static or dynamic formats
- Can include tables, charts, and textual explanations
- Often generated periodically (daily, weekly, monthly)

What are Dashboards?

Dashboards offer a real-time, visual overview of key performance indicators (KPIs) and metrics, providing a snapshot of organizational health at a glance.

- Interactive and customizable
- Display multiple visualizations simultaneously
- Enable quick identification of trends and anomalies

Key Components of the Insight Using Reports and Dashboards

Reference Card

A well-designed reference card covers essential elements that enhance understanding and utilization.

Data Sources

Identify where your data originates to ensure accuracy and relevance.

- Databases and data warehouses
- Cloud storage solutions
- Third-party APIs and data feeds

Metrics and KPIs

Focus on the critical indicators that align with your business objectives.

- Revenue growth
- Customer retention rate
- Operational efficiency metrics

Visualization Techniques

Choose the appropriate visuals to communicate insights effectively.

- Bar and column charts for comparisons
- Line graphs for trends over time
- Pie charts for composition analysis
- Heat maps for pattern recognition

Interactivity Features

Enhance user engagement and exploration.

- Filters and slicers
- Drill-down capabilities
- Hover-over tooltips

Design Best Practices

Ensure clarity and usability in dashboards and reports.

- Keep layout simple and uncluttered
- Use consistent color schemes
- Prioritize important metrics at the top
- Incorporate clear labels and legends

Leveraging Reports and Dashboards for Business Insights

Understanding how to interpret and act upon insights derived from reports and dashboards is crucial.

Steps to Extract Actionable Insights

Implement a systematic approach:

- **Identify your objectives:** Clarify what questions you seek answers to.
- **Select relevant reports/dashboards:** Use tools that align with your goals.
- **Analyze visualizations:** Look for patterns, outliers, and trends.
- **Correlate data points:** Understand relationships between variables.
- **Validate data accuracy:** Cross-check figures to ensure reliability.
- **Generate insights:** Derive conclusions that inform decisions.
- **Share findings:** Communicate insights with stakeholders effectively.

Common Use Cases

Dashboards and reports can serve various organizational needs:

- Sales performance analysis
- Marketing campaign effectiveness
- Customer service metrics tracking
- Supply chain optimization
- Financial reporting and forecasting

Best Practices for Maximizing Insight Quality

To ensure your insights are impactful:

- Maintain data integrity and cleanliness
- Regularly update dashboards to reflect current data
- Customize visualizations for target audiences
- Encourage user interaction for deeper exploration
- Document assumptions and methodologies

Tools and Technologies for Reports and Dashboards

Choosing the right tools can significantly influence the effectiveness of your insights.

Popular Reporting and Dashboard Platforms

Consider the following options:

- **Tableau:** Known for advanced visualizations and user-friendly interface.
- **Power BI:** Microsoft's solution offering seamless integration with Office tools.
- **Looker:** Cloud-based analytics platform with robust data modeling capabilities.
- **QlikView/Qlik Sense:** Focuses on associative data models for flexible analysis.
- **Google Data Studio:** Free tool for creating shareable dashboards connected to Google data sources.

Criteria for Selecting the Right Tool

Evaluate based on:

- Data connectivity options
- Ease of use and learning curve
- Customization and flexibility
- Cost and licensing
- Collaboration features

Challenges and Solutions in Using Reports and Dashboards for Insights

While reports and dashboards are powerful, they come with challenges that require strategic approaches.

Common Challenges

- Data silos and inconsistency
- Information overload
- Difficulty in interpreting complex visuals
- Maintaining up-to-date data
- Lack of user engagement

Strategies to Overcome Challenges

- Integrate data sources for a unified view
- Focus on KPI-driven dashboards to avoid clutter
- Provide training and documentation for users
- Automate data updates where possible
- Solicit feedback for continuous improvement

Conclusion: Maximizing the Power of Insights through Reports and Dashboards

An Insight Using Reports and Dashboards Reference Card is an invaluable resource that distills complex data analysis concepts into actionable guidance. By understanding the fundamental components, best practices, and tools available, organizations can unlock the full potential of their data assets. Effective reports and dashboards enable stakeholders to identify opportunities, monitor performance, and make informed decisions swiftly. Regularly updating and refining these tools ensures they remain relevant and impactful, ultimately driving organizational success in an increasingly data-centric world.

Remember, the key to impactful insights lies not just in collecting data but in interpreting it meaningfully. With a solid grasp of how to leverage reports and dashboards, coupled with strategic analysis, your organization can turn raw data into a powerful catalyst for growth and innovation.

Insight using Reports and Dashboards Reference Card

In today's data-driven world, making informed decisions hinges on the ability to interpret complex information quickly and accurately. The Insight using Reports and Dashboards Reference Card serves as a vital tool for professionals seeking to harness the full potential of their data visualization and reporting capabilities. This reference card acts as a concise guide, summarizing essential features, best practices, and key considerations when creating, analyzing, and utilizing reports and dashboards to drive strategic actions. Whether you're a business analyst, data scientist, or

executive, understanding how to leverage this resource can significantly enhance your data literacy and decision-making processes.

Understanding the Role of Reports and Dashboards

What Are Reports and Dashboards?

Reports and dashboards are fundamental components of data communication within organizations, providing visual and textual insights into various metrics and KPIs.

- Reports: Typically static or semi-interactive documents that compile data into organized formats like tables, charts, and narratives. They are used for detailed analysis, historical data review, and formal presentations.
- Dashboards: Interactive visual interfaces that offer real-time or near-real-time snapshots of key metrics, enabling quick monitoring and decision-making.

These tools serve complementary roles?reports for in-depth analysis and documentation; dashboards for ongoing oversight and immediate insights.

Importance in Business and Data Strategy

Using reports and dashboards effectively ensures:

- Data transparency: Making complex data accessible across teams.
- Informed decision-making: Quickly identifying trends, issues, and opportunities.
- Performance tracking: Monitoring progress against goals.
- Operational efficiency: Reducing time spent on data gathering and analysis.

The reference card emphasizes that mastering the use of these tools results in more agile, responsive organizations.

Features of an Effective Reports and Dashboards Reference Card

Key Elements and Content

An ideal reference card should distill critical information into digestible segments, covering:

- Definitions and purposes

- Best practices for design
- Common features and functionalities
- Tips for effective data visualization
- Troubleshooting and optimization advice

By condensing complex concepts into a quick reference, users can rapidly access guidance during report creation or dashboard design.

Core Features Highlighted

- Data Connectivity: How to connect various data sources efficiently.
- Visualization Types: Overview of charts, graphs, gauges, maps, and tables.
- Interactivity Features: Filters, drill-downs, hover-over details.
- Automation Capabilities: Scheduling reports, alerts, and data refreshes.
- Sharing and Collaboration: Export options, embedding, permissions.
- Performance Optimization: Best practices to ensure fast load times and responsiveness.

Design Principles for Reports and Dashboards

Clarity and Simplicity

A core tenet is that visualizations should be straightforward, avoiding clutter and confusion.

- Use clean layouts with logical flow.
- Limit color palettes to enhance readability.
- Highlight key metrics with visual cues.
- Avoid excessive data points that overwhelm the viewer.

Relevance and Focus

Ensure that each report or dashboard addresses specific questions or objectives, such as sales performance or operational efficiency. Incorporate only pertinent data to prevent distraction.

Consistency

Maintain uniform styles, fonts, and color schemes across reports and dashboards to foster familiarity and ease of use.

Responsiveness and Accessibility

Design for various devices and accessibility standards, ensuring everyone can interpret the data effectively.

Best Practices for Creating Reports and Dashboards

Define Clear Objectives

Before designing, identify what you want to achieve:

- Who is the audience?
- What questions should the data answer?
- What decisions will be influenced?

This clarity guides content selection and visualization types.

Prioritize Key Metrics

Use the Pareto principle?focus on the 20% of metrics that deliver 80% of value. Avoid information overload.

Leverage Visual Hierarchy

Arrange elements to guide the viewer?s eye naturally from the most critical insights to supporting details.

Implement Interactive Elements

Features like filters, time sliders, and drill-downs allow users to explore data dynamically, uncovering deeper insights.

Test and Iterate

Gather feedback from users, refine visualizations, and ensure data accuracy before final deployment.

Utilizing the Reference Card for Effective Data Insights

Quick Access to Best Practices

The reference card serves as a reminder of design principles and technical features, ensuring

consistency and quality across reports and dashboards.

Training and Onboarding

New team members can use the card as a training resource, accelerating their understanding of reporting standards.

Standardization

Establishes a common vocabulary and set of standards, promoting uniformity within organizational dashboards.

Troubleshooting and Optimization

Provides quick tips to resolve common issues like slow load times or misaligned visualizations, enhancing user experience.

Pros and Cons of Using a Reports and Dashboards Reference Card

Pros:

- Conciseness: Summarizes complex concepts into manageable points.
- Time-saving: Speeds up report/dashboard development and review.
- Consistency: Promotes uniform standards across teams.
- Training aid: Useful for onboarding and continuous learning.
- Decision support: Ensures critical insights are highlighted effectively.

Cons:

- Limited depth: May oversimplify complex topics.
- Static nature: Needs periodic updates to reflect new features or best practices.
- Over-reliance risk: Users might depend solely on the card, neglecting deeper learning.
- Context-specific: May not cover specific organizational needs or advanced features.

Advanced Features and Emerging Trends

Artificial Intelligence and Automation

Modern reports and dashboards increasingly incorporate AI-driven insights, predictive analytics, and

automated alerts, all of which should be referenced in advanced versions of the card.

Embedded Analytics

Embedding dashboards within operational tools or apps enhances accessibility, a trend that should be reflected in reference materials.

Mobile Optimization

Designs optimized for mobile devices are crucial, especially with remote and on-the-go decision-makers.

Conclusion: Maximizing the Value of Reports and Dashboards

The Insight using Reports and Dashboards Reference Card is a powerful resource that encapsulates the essentials of effective data visualization and reporting. By adhering to its guidance, organizations can produce clearer, more actionable reports and dashboards that facilitate strategic decision-making. While it serves as an invaluable quick-reference tool, users should complement it with ongoing learning and adaptation to emerging technologies and best practices. Ultimately, leveraging such a reference card ensures that data insights are not only accessible but also impactful, driving success in an increasingly data-centric landscape.

In Summary, mastering the use of reports and dashboards through a comprehensive reference card enhances data literacy, streamlines report creation, and boosts organizational efficiency. Its key features, design principles, and best practices form a foundation upon which organizations can build robust analytics strategies, ensuring data-driven decisions become a core part of their operational culture.

Question What is the primary purpose of an 'Insight using Reports and Dashboards Reference Card'? The primary purpose is to provide users with quick guidance on how to effectively interpret, create, and utilize reports and dashboards to gain actionable insights. **Answer** How can dashboards enhance data-driven decision making? Dashboards consolidate key metrics and visualizations into a single view, enabling quick comprehension of data trends and supporting informed decision making. What are best practices for designing effective reports and dashboards? Best practices include focusing on relevant KPIs, using clear visualizations, maintaining simplicity, ensuring data accuracy, and tailoring content to the audience's needs. How do I interpret insights from reports and dashboards? Interpret insights by analyzing visual trends, comparing metrics, identifying anomalies, and understanding the context behind the data presented. What features should I look for in a report and dashboard reference card? Look for features like key definitions, tips for data visualization, common use cases, troubleshooting advice, and best practices for effective analysis. How can I customize reports and dashboards to better suit my business needs? You can

customize by selecting relevant metrics, applying filters, choosing appropriate visualization types, and configuring layouts to align with your specific goals. What common mistakes should I avoid when using reports and dashboards for insights? Avoid overloading dashboards with too much information, ignoring data context, misinterpreting visualizations, and relying solely on surface-level metrics without deeper analysis.

Related keywords: reporting, dashboards, data visualization, analytics, business intelligence, data analysis, KPI tracking, report templates, data insights, reference guide

Download Sample Pyp Report Managebac

Download sample PYP report ManageBac is a common search query for educators, school administrators, and parents seeking to understand the structure, content, and presentation of Primary Years Programme (PYP) reports within the ManageBac platform. Managing and generating comprehensive student reports is essential for effective communication, assessment tracking, and supporting student growth in the International Baccalaureate (IB) framework. This article provides a detailed overview of how to access, utilize, and benefit from sample PYP reports on ManageBac, ensuring users can optimize their reporting processes and enhance educational outcomes.

Understanding the PYP Report in ManageBac

What is the PYP Report?

The PYP (Primary Years Programme) report is a formal document that summarizes a student's progress, achievements, and areas for improvement over a specific period. It reflects the IB's emphasis on holistic development, including academic skills, social-emotional growth, and learner profile attributes. The report typically includes:

- Academic performance in various subject areas
- Attitudes and attributes demonstrated
- Student reflections
- Teachers' comments
- Goals for future development

Importance of Sample PYP Reports

Sample reports serve as a benchmark for educators and administrators to:

- Understand the format and content expectations
- Ensure consistency across different classes and teachers
- Streamline the report generation process
- Enhance the clarity and professionalism of reports
- Improve parent communication and student feedback

How to Download Sample PYP Reports on ManageBac

Step-by-Step Guide

Downloading sample PYP reports on ManageBac is straightforward. Follow these steps to access ready-made templates or example reports:

- **Login to ManageBac:** Use your credentials to access the platform.
- **Navigate to Reports Section:** On the dashboard, find the "Reports" tab in the main menu.
- **Select PYP Reports:** Choose the "Primary Years Programme" or "PYP" report option from the list.
- **Access Templates or Samples:** Look for links labeled "Sample Reports," "Templates," or similar. These are often available under resources or help sections.
- **Download the Files:** Click on the provided links or buttons to download PDF or Word documents containing sample reports.

Where to Find Official Sample PYP Reports

Most IB-authorized platforms, including ManageBac, provide official sample reports for reference. These are often found in:

- The ManageBac Help Center or Support Portal
- IB's official website or resource portal
- Teacher training materials and webinars
- School-specific resource repositories

Utilizing Sample PYP Reports Effectively

Analyzing the Structure and Content

Once you have downloaded a sample report, analyze its components:

- **Header:** Includes student details, reporting period, and school information.
- **Academic Summary:** Highlights strengths and areas for growth across subjects.
- **Attitudes and Attributes:** Demonstrates learner profile traits like open-mindedness, caring, and risk-taking.
- **Reflections:** Student self-assessments or reflections on their learning journey.
- **Teacher Comments:** Personalized feedback for the student and parent.
- **Goals and Next Steps:** Recommendations for future development.

Understanding these sections helps educators customize reports that reflect their students' unique learning experiences.

Customizing the Sample Reports

While sample reports provide a useful template, they should be tailored to fit your school's context. Consider:

- Incorporating specific assessment criteria used at your school
- Adding personalized comments based on student performance
- Adjusting the tone and language to match school policy
- Including relevant student artifacts or work samples

Ensuring Compliance with IB Guidelines

Always verify that your reports align with IB standards. The sample reports should serve as a guideline, not a strict template. Ensure that your final report:

- Reflects the holistic approach emphasized by IB
- Provides constructive and balanced feedback
- Maintains clarity and professionalism

Benefits of Using Sample PYP Reports in ManageBac

Streamlined Reporting Process

Using sample reports can significantly reduce the time and effort required to produce comprehensive student evaluations. Templates serve as a starting point, allowing teachers to focus on content rather than formatting.

Consistency and Fairness

Standardized reports ensure that all students are evaluated fairly and consistently, which is especially important in large schools with multiple teachers.

Improved Communication with Parents

Clear, well-structured reports promote transparency and foster stronger relationships between schools and families. Parents appreciate detailed insights into their child's progress.

Professional Development for Educators

Analyzing sample reports helps teachers understand best practices in assessment and reporting, contributing to ongoing professional growth.

Additional Resources for PYP Reporting

ManageBac Support and Tutorials

ManageBac offers tutorials, webinars, and support articles to guide educators through report generation, customization, and best practices.

IB PYP Documentation and Guidelines

Consult official IB documentation for detailed criteria, learner profile attributes, and assessment standards to ensure your reports meet IB expectations.

Community and Peer Support

Join educator forums and networks to exchange sample reports, tips, and experiences with peers implementing PYP reports on ManageBac.

Conclusion

Downloading and utilizing sample PYP reports on ManageBac is an essential step toward effective student assessment and communication within the IB framework. By understanding how to access these samples, analyzing their structure, and customizing them to fit your school's context, educators can produce professional, consistent, and meaningful reports. Remember, the ultimate goal is to support student growth, foster transparency, and uphold the standards of the International Baccalaureate Primary Years Programme.

Whether you're new to ManageBac or looking to refine your reporting process, leveraging sample reports is a valuable strategy. Regularly reviewing and updating your reports based on best

practices and IB guidelines will ensure you provide valuable insights that benefit students, parents, and educators alike.

Download Sample PYP Report ManageBac: A Comprehensive Guide for Educators and Administrators

In the realm of international education, especially within the International Baccalaureate (IB) framework, managing and reporting student progress efficiently is paramount. One of the most effective tools in this domain is the download sample PYP report ManageBac feature, which allows educators to access, customize, and distribute comprehensive progress reports seamlessly. Whether you are a teacher striving to streamline your reporting process or an administrator seeking best practices for report management, understanding how to leverage sample reports from ManageBac can significantly enhance your workflow.

Understanding the Importance of Sample PYP Reports in ManageBac

Before diving into the technicalities of downloading and utilizing sample reports, it's vital to understand why these resources are crucial.

- **Consistency and Standardization:** Sample reports serve as a benchmark, ensuring all students receive uniform and comprehensive feedback aligned with IB PYP standards.
- **Time Efficiency:** Pre-designed templates reduce the time teachers spend formatting reports from scratch.
- **Quality Assurance:** Sample reports often exemplify best practices in language, structure, and content, guiding educators to produce high-quality feedback.
- **Training and Onboarding:** For new staff or teachers unfamiliar with ManageBac, sample reports provide valuable learning tools.

How to Download Sample PYP Reports from ManageBac

Step 1: Log into Your ManageBac Account

To access sample reports, you must first log into your ManageBac account. Ensure you have the necessary permissions, typically as an teacher or administrator.

Step 2: Navigate to the Reports Section

Once logged in:

- Locate the Reports tab in the dashboard menu.
- Click to enter the Reports area, where various report types and templates are stored.

Step 3: Access the PYP Report Templates

Within the Reports section:

- Look for options labeled PYP Reports or Student Reports.
- Some systems may categorize templates under "Sample Reports" or "Templates."
- If your institution has customized templates, they might be stored here as well.

Step 4: Find and Download Sample PYP Reports

- Search for Sample PYP Report or similar titles.
- Click on the report to preview its content.
- Use the Download button, typically available as a PDF or Word document, to save the sample report to your device.

Customizing the Downloaded Sample Report for Your Needs

Downloading a sample is just the beginning. Customization ensures the report aligns with your students' individual progress and your school's reporting standards.

Step 1: Review the Sample Report Content

- Analyze the structure, language, and assessment criteria.
- Note areas where personalization is needed, such as student names, specific achievements, or subject comments.

Step 2: Populate Student Data

- Insert student-specific information: name, grade level, academic year.
- Add personalized comments based on student performance and observations.

Step 3: Adjust Content and Language

- Ensure feedback is constructive, tailored, and aligned with IB PYP goals.
- Incorporate relevant assessments, reflections, and next steps.

Step 4: Incorporate Visual Elements (if applicable)

- Add charts, progress bars, or visual data summaries for clarity.
- Ensure visual elements complement the narrative and aid understanding.

Step 5: Finalize and Save

- Proofread for accuracy and clarity.
- Save the customized report in accessible formats for distribution.

Best Practices for Managing PYP Reports with ManageBac

To maximize the benefits of sample reports and overall reporting efficiency, consider these best practices:

- Establish a Consistent Reporting Schedule
 - Decide on frequency (termly, bi-annual, yearly).
 - Use ManageBac's scheduling features to automate reminders and report distribution.
- Use Templates and Samples as Starting Points
 - Maintain a repository of customizable templates.
 - Regularly update sample reports to reflect latest IB PYP standards.
- Engage in Collaborative Review
 - Share draft reports with colleagues for feedback.
 - Use ManageBac's collaborative tools for peer review and input.

- Incorporate Student and Parent Feedback
- Provide avenues for feedback on reports.
- Use insights to refine report content and structure.
- Ensure Data Privacy and Security
- Store reports securely within ManageBac.
- Follow your institution's data protection policies when downloading, sharing, or storing reports.

Tips for Effective Use of ManageBac Sample PYP Reports

- Stay Updated: IB and ManageBac periodically update report templates; regularly check for the latest versions.
- Personalize Thoughtfully: While templates save time, always tailor reports to reflect individual student progress.
- Leverage Visuals: Incorporate graphs or visual indicators to make reports more engaging and understandable.
- Train Staff: Conduct training sessions on how to effectively download, customize, and distribute reports using ManageBac.
- Seek Feedback: Regularly gather input from students, parents, and colleagues to improve reporting quality.

Common Challenges and How to Overcome Them

| Challenge | Solution |

| --- | --- |

| Finding the right sample report | Use ManageBac's filtering options or consult your IB coordinator for approved templates. |

| Customization complexity | Develop standardized sections and comment libraries to streamline personalization. |

| Maintaining consistency | Implement peer review processes and standardized language guides. |

| Ensuring timely distribution | Automate report generation and sharing through ManageBac's scheduling features. |

Final Thoughts: Elevating Your PYP Reporting with ManageBac

The download sample PYP report ManageBac feature is an invaluable resource for educators committed to providing high-quality, consistent, and meaningful feedback to their students. By understanding how to locate, customize, and effectively utilize these sample reports, teachers and administrators can significantly enhance their reporting process, ultimately supporting student growth and strengthening communication with parents.

Remember, while templates and samples are starting points, the true impact lies in personalized, thoughtful feedback that reflects each student's unique journey. Leveraging ManageBac's tools and best practices will empower your school community to foster transparency, engagement, and continuous improvement in the PYP framework.

Additional Resources

- ManageBac Help Center: [Link to support articles on reports]
- IB PYP Assessment Guidelines: [Link to official IB documentation]
- Sample PYP Report Templates Repository: [Institution-specific or shared online resources]
- Training Workshops: [Information on webinars or professional development sessions]

By embracing these strategies and resources, educators can confidently navigate the process of downloading and customizing sample PYP reports on ManageBac, delivering impactful feedback that supports student success within the IB PYP framework.

Question How can I download a sample PYP report from ManageBac? To download a sample PYP report, log into your ManageBac account, navigate to the Reports section, select the PYP report template, and click on the 'Download Sample' button available in the options. **Where can I find downloadable sample PYP reports for ManageBac?** Sample PYP reports are typically available in the Help Center or Resources section within ManageBac. You can also contact your school's administrator or support team for direct links to sample reports. **Are there customizable sample PYP reports available for download on ManageBac?** Yes, ManageBac offers customizable sample PYP reports that you can download and edit to suit your school's reporting requirements. **What formats are available for downloading sample PYP reports on ManageBac?** Sample PYP reports can usually be downloaded in PDF and Word formats, allowing for easy editing and printing. **Can I use a downloaded sample PYP report as a template for my own reports on ManageBac?** Absolutely. Downloaded sample reports can serve as templates, enabling you to customize content while maintaining the structure for consistency. **Is there a step-by-step guide to downloading PYP**

report samples from ManageBac? Yes, ManageBac provides detailed guides and tutorials on their Help Center to assist users in downloading and customizing report samples efficiently. Are sample PYP reports on ManageBac compliant with IB standards? Yes, sample reports provided by ManageBac are designed to align with IB PYP standards and can be used as reference templates for compliant reporting. Can I access sample PYP reports on ManageBac from mobile devices? Yes, ManageBac is mobile-friendly, allowing you to download and view sample PYP reports from smartphones and tablets. Who should I contact if I have trouble downloading sample PYP reports from ManageBac? If you encounter issues, contact ManageBac support or your school's IT administrator for assistance with downloading sample reports.

Related keywords: sample pyp report, managebac reports, download managebac, pyp report template, managebac data export, pyp progress report, managebac student report, download pyp document, managebac report sample, pyp report generator

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