

DATA LANDSCAPE MATRIX

The Data Landscape at Purdue University is rich and robust. It is a multi-varied environment comprised of multiple systems and business intelligence reporting and visualization tools. The Matrix is designed to provide a high-level overview and guide of the data landscape. The Matrix offers users the ability to quickly access key contact information for data validation, data quality, and reporting.

FREQUENTLY ASKED QUESTIONS

Q. What is the Data Landscape Matrix?

A. The Data Landscape Matrix provides a high-level overview of the data landscape of the key entities within the data community. The Matrix provides information about key customers and systems, a list of primary responsibilities, and links to resources to assist you in trouble shooting for the following six areas: BICC (Business Intelligence Competency Center), IDA+A (Institutional Data Analytics Assessment), SPS, AO, Finance, and HR.

Q. How do I navigate and best utilize the Matrix?

A. The Matrix includes direct hyperlinks to the primary resources for information and direct contact information. Utilize the Matrix to learn more about the scope of work of each functional area. The “Start Here” section provides suggestions on where to obtain additional information. In addition, users will learn how to access data requests and report quality issues. Finally, the Matrix lists the primary tools users should use when beginning to validate data.

Q. Where do I go to learn more detailed information on the topics presented in the Data Landscape Matrix?

A. Institutional Data Analytics Assessment (IDA+A) provides users with access to a comprehensive list of Frequently Asked Questions (FAQ). Please view [IDA+A Frequently Asked Questions](#) to see the variety of topics available.

Q. Where do I go for additional training and resource information?

A. Please view the [Institutional Data Training Collection](#) housed within SuccessFactors Learning Management System (SF-LMS). The collection houses an array of training topics on data governance, reporting, and tool training.

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| | <u>BICC Website</u> Business Intelligence Competency Center | <u>IDA+A Website</u> Institutional Data Analytics + Assessment | <u>SPS Website</u> Sponsored Programs |
|------------------------------------|---|--|--|
| KEY CUSTOMERS | <ul style="list-style-type: none"> Administrative Operations (AO) Financial Planning & Analysis (FP&A) Human Resources (HR) IDA+A Sponsored Program Services (SPS) Student Life | <ul style="list-style-type: none"> Campus Leaders, Decision-makers, and Partners Data Consumers, Data Managers Enrollment Management Survey Researchers Graduate Admissions, Advisors, Administration, and Deans Provost | <ul style="list-style-type: none"> Academic Administrative Staff & Business Office Data Managers Purdue Research Office Sponsored Program Services |
| PRIMARY RESPONSIBILITIES | Build and maintain Purdue’s enterprise data warehouses: <ul style="list-style-type: none"> Boiler Insight/Purdue Data Warehouse (PDW) DSS Brightspace LMS ODS Student ODS | <ul style="list-style-type: none"> Analytics Assessment and Surveys AAUDE Banner ODS/EDW Data Digest and Management Dashboards Data Cookbook, Data Governance Data Science projects Enrollment Management Related Cognos Reports, Dashboards, Reporting and Analytics Standard Content Graduate Student Data, Official Test Scores (GRE, TOEFL), Student Retention and Time to Degree Progress & academic standing Committees, Plans of Study, Exam Forms, Thesis Forms Exit Survey | <ul style="list-style-type: none"> AAUDE AIMS application Maintain research data integrity Support research system and eRA Commons |
| KEY SYSTEMS | BICC Data Landscape Overview | BICC Data Landscape Overview | BICC Data Landscape Overview |
| START HERE | <ul style="list-style-type: none"> Cognos tool training Technical support for Tableau, Cognos, and SAP HANA | <ul style="list-style-type: none"> Accreditation Data Purdue Online (PO) Graduate-level student data Survey Data Graduate student-level data that isn’t available in Data Digest or Management Dashboards Undergraduate level student data Financial Aid | <ul style="list-style-type: none"> Grants Management Data Mart Boiler Insight/PDW |
| DATA REQUESTS | Cognos Tool Training | IDA+A Project Request | SPS Data Request Form |
| REPORT DATA QUALITY ISSUES | BICC@purdue.edu | IDA+A@purdue.edu | SPSrept@groups.purdue.edu |
| DATA VALIDATION AND SUPPORT | Not Applicable – Contact Data Owner | <ul style="list-style-type: none"> Data Digest Dashboards Management Dashboards Cognos Standard Reports Cognos Reporting Resources | <ul style="list-style-type: none"> AIMS Grids and Trends Rep SPS Standard Cognos Reports SPS Website Data Page |
| CONTACT | BICC@purdue.edu | IDA+A@purdue.edu | SPSrept@group.purdue.edu |

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| | <u>Administrative Operations Integrated Analytics Website (AOIA)</u> | <u>Financial Planning and Analysis Website</u> | <u>Human Resources Data and Analytics (HR) Website</u> |
|------------------------------------|---|--|--|
| KEY CUSTOMERS | <ul style="list-style-type: none"> • AO Internal Customers Only | <ul style="list-style-type: none"> • Business offices • Academic Leadership • Executive Leadership | <ul style="list-style-type: none"> • Business offices • Payroll centers and managers • HR Staff • Executive Leadership |
| PRIMARY RESPONSIBILITIES | Administrative Operations Reports and Dashboards for the following: <ul style="list-style-type: none"> • Work Orders • Capital Projects • Space Utilization • Parking • Supplier Diversity • Building Level Cost/GSF • Environmental Health & Safety (Safety, Biosafety cabinets, hazardous materials, etc.) | <ul style="list-style-type: none"> • Finance Related Standard Reports and Dashboards, Finance Related Ad Hoc • Reporting and Analytics | <ul style="list-style-type: none"> • Standard, Scheduled, and Departmental Human Resource Reports • Analytics on Human Resource Trends |
| KEY SYSTEMS | | <ul style="list-style-type: none"> • SAP/S4 • SAP/ECP | <ul style="list-style-type: none"> • SAP/ECP |
| START HERE | <ul style="list-style-type: none"> • Administrative Operations data including financial postings associated with work orders and capital projects | <ul style="list-style-type: none"> • Financial transaction data including payroll financial postings. | <ul style="list-style-type: none"> • HR Data including Organization, Position, Job Family Structure, Employee, Recruitment, and Performance Data |
| DATA REQUESTS | AOIntegratedAnalytics@purdue.edu | treasreporting@purdue.edu | HR Data Request |
| REPORT DATA QUALITY ISSUES | AOIntegratedAnalytics@purdue.edu | treasreporting@purdue.edu | HROperHelp@purdue.edu |
| DATA VALIDATION AND SUPPORT | <ul style="list-style-type: none"> • SAP/S4 | <ul style="list-style-type: none"> • SAP/S4, SAP/ECP, Standard Reports (Cognos) | <ul style="list-style-type: none"> • Cognos Standard Reports • (Team Content > Standard Content > HR and Payroll) • Employee Workforce Movement Dashboard |
| CONTACT | AOIntegratedAnalytics@purdue.edu | treasreporting@purdue.edu | HROperHelp@purdue.edu |