

UNIVERSITY OF ARIZONA
DEPARTMENT OF HUMAN RESOURCES
CLASSIFIED STAFF EMPLOYEE JOB DESCRIPTIONS

JOB CODE: 73041

TITLE: Data Warehouse Analyst, Senior

IT PAY BAND: B11

FLSA: Exempt

Purpose of Classification:

Analyzes, develops, organizes, stores and maintains user data for later retrieval from the University's central data warehouse. Troubleshoots and optimizes relational databases. Assists users regarding data warehouse operation and database design.

Distinguishing Characteristics:

This is the first in a series of two classifications. It is distinguished from the Data Warehouse Analyst, Principal which coordinates and participates in the creation of data organization models and the development and maintenance of data storage structures, develops and implements operational guidelines and manages large and/or complex projects.

Example of Duties:

- Analyzes user data to determine business rules and creates data organization models.
- Develops and maintains complex data storage structures needed to support data warehouse functions. Assures data is maintained in consistent formats.
- Troubleshoots data warehouse hardware and software. Develops and maintains tools to optimize data quality and access.
- Identifies key performance indicators and methods for data warehouse to assist with operational and strategic planning.
- Collaborates with users and negotiates to identify and develop add data sources for the data warehouse consistent with business rules and customer needs.
- Trains and assists users, managers and technical staff regarding access, use and storage of data and maximizing database design effectiveness.
- Communicates with institutional user groups regarding changes in local networks and databases that report information to the data warehouse.
- Develops strategies and updates data warehouse systems in response to changes in University or government reporting requirements and other regulations.
- Participates as a team member on data warehouse projects. May manage projects of limited scope or portions of large and/or complex projects. May guide technical staff on a project basis.

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Knowledge, Skills and Abilities:

- Knowledge of current relational database software and related hardware.
- Knowledge of data warehousing and modeling methods, techniques, standards and procedures.
- Knowledge of relational database and query concepts.
- Knowledge of federal, state and local laws and regulations affecting data warehousing operations
- Skill in explaining data warehouse operations to technical and non-technical users.
- Skill in researching and analyzing user data and data warehouse systems.
- Skills in organizing and using a data warehouse.
- Ability to communicate effectively verbally and in writing.

Minimum Qualifications:

- Five years of experience analyzing, developing and maintaining a data warehouse;
OR,
- Associate's degree in Management Information Systems, Computer Information Technology or related field AND four years of experience analyzing, developing and maintaining a data warehouse; OR,
- Any equivalent combination of experience, training and/or education.

This description is intended to be generic in nature. It is not intended to determine specific duties and responsibilities of any particular position. Essential functions and overtime eligibility may vary based on the specific tasks assigned to the position.

Prepared: 05/01/09