

The University of Akron
Classification Specification

Job Title:	Data Warehouse DBA & Custom Applications Develop	Job Code:	T43361
Job Function:	Staff	Grade:	220
Job Family:	Classified	FLSA:	Exempt
SOC Description:	3000 Information Technology Division	Date:	2/5/14

Job Summary:

Oversee activities related to the administration of the University warehouse and datamart database. Assist and advise subordinates on policies and procedures, technical problems, priorities and methods pertaining to new and existing databases. Consults with and assists users of the database. Analyze the data flow requirements and develop a scaleable architecture for staging and loading data.

Essential Functions:

25% Assist developers and technical staff with the design and implementation of their applications to support growing informational needs. Train developers in the use of database tools, practices and procedures, and database concepts.

20% Write computer programs, and tests computer-related components of new systems to ensure adequacy in meeting requirements of data security and efficient use of resources. Design complex sub systems necessary for the implementation of sophisticated computer-based systems.

20% Develop and enforce practices and procedures for accessing and securing databases. Direct assigned employees and review their work. Ensure consistently high quality systems design in terms of user data processing environment compatibility, cost-effectiveness and ease of operation and maintenance. Investigate system difficulties and identifies the nature and scope of computer problems for the purpose of determining and implementing effective solutions. Maintain and apply knowledge of new computer technology for the purpose of initiating advanced system installation and integrating diverse technologies.

15% Create, modify and administer warehouse and datamart instances.

10% Work with users of the data to resolve data conflicts and inappropriate use of data. Maintain the University data model and evaluate new database tools and technology.

10% Translate user requirements and system objectives into logical, economical, and practical systems designs. Prepare detailed file, database, data communication, and program specifications from which new systems are developed.

Education:

Requires a relevant Bachelor's Degree.

Licenses/Certifications/Requirements:

None.

Experience:

Requires a minimum of 4 years experience in application development and design and relational database design including a minimum of 2 years experience designing and delivering architectures for Business Intelligence/data warehousing solutions. Strong communication and customer service skills required. Requires strong problem solving skills and ability to adapt to new technologies quickly. Solid understanding of SQL, Oracle and background working with relational databases required. Computer programming and application development required. Highly developed computer skills and familiarity with several programming languages and university databases required. Knowledge of multidimensional design concepts and techniques required. Understanding of the role of metadata in the architecture and the complexities and nuances of multi terabyte data warehouses required. Technical writing skills required. Experience with PeopleSoft administrative systems software and query/reporting products such as Brio preferred.

Leadership:

Functional guidance over nonexempt staff including general scheduling, assigning tasks and monitoring work activities.

Physical Requirements:

Job is physically comfortable; individual is normally seated and has discretion about walking, standing, etc. May occasionally lift very lightweight objects.

Working Conditions:

The intent of this classification specification is to provide a representative summary of the types of duties and responsibilities that will be required of positions given this title and shall not be construed as a declaration of the specific duties and responsibilities of any particular position. Employees may be requested to perform job-related tasks other than those specifically presented in this description. The University requires that all University employees whose assigned duties include some involvement with The University of Akron's intercollegiate athletics program, comply with all relevant NCAA Bylaws in performing their work.

Standard working environment with possible minor inconveniences due to occasional noise, crowded working conditions and/or minor heating/cooling or ventilation problems. Near continuous use (>70% of the time) of a video display terminal.

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