

 <p>STATE OF INDIANA CLASSIFICATION SPECIFICATION</p>	Class Title: Database Analyst Senior		Class Code: 001BF1
	FLSA Status: Exempt	Salary Schedule: RDS	Effective Date: 11-25-14
	Summary: Incumbent works at a state information technology division at the highest level of all phases of database management.		

Duties:

- Designs and implements logical and physical databases of a complex nature;
- Determines aggregation, partitioning and indexing strategies for physical data;
- Monitors and tunes database performance;
- Administers end-user access and security at the database level;
- Ensures that data is appropriately protected via database backup and related strategies;
- Loads process database software and the application of fixes;
- Evaluates and selects infrastructure components;
- Provides operational support for the database ensuring data integrity, database availability and performance;
- Implements and maintains database catalogs and dictionaries;
- Provides overall monitoring of the standards, procedures and integration of systems through database design;
- Consults with and makes recommendations to management and associate user groups to define information processing requirements, evaluate technology needs and formulate solutions;
- Evaluates technology and products to determine the feasibility of adding to agency standards;
- Develops work plans for assigned projects and supervises their execution;
- Provides guidance and reviews the work of team members on special projects;
- Identifies and explores the potential strategies for long-term planning implementation;
- Serves as project lead for software products;
- Works with and provides guidance to information systems personnel or user agencies for maximum computer utilization;
- Trains and provides technical assistance to other database analyst staff;
- Performs related duties as required

Job Requirements:

- Extensive knowledge in the technology of both the Database Management System (DBMS) and the operating system chosen for the data warehouse or data mart;
- Extensive knowledge in software and utilities related to supported DBMS such as Reorg, Backup, Recovery, Load, Unload;
- Extensive knowledge of capacity planning and disaster recovery;
- Extensive knowledge of relational database and/or data warehouse design techniques and dimensional modeling processes;
- Extensive knowledge of computer hardware/software capabilities and configurations;
- Working knowledge of computer programming, including computer languages and testing of programs;
- Broad knowledge of data communications, including networking, mainframe connectivity and communications server;
- Extensive knowledge of the most recent technical developments in the database administration field;
- Ability to perform logic analysis;
- Ability to manage multiple hardware/software projects and priorities;
- Ability to analyze, communicate and recommend future needs and direction for agency's data processing software/hardware environment;

- Ability to read and understand complicated technical manuals;
- Effectively communicate both orally and in writing;
- Ability to apply theories, principles and methodologies to existing computer software;
- Ability to write complex database computer macros and scripts;
- Ability to guide and coordinate the work of others.

Difficulty of Work:

Work is broad in scope requiring extensive judgment in adopting techniques to meet the information technology requirements, specifications, standards, and procedures of a complex enterprise-wide system.

Responsibility:

Work has a direct influence and impact on the agency's ability to successfully administer the business operation to achieve agency mission, policy, or practice. Technical instruction is generally not needed; however, incumbent may seek guidance when unique problems arise. Work is reviewed for adherence to deadlines and attainment of objectives.

Personal Work Relationships:

Incumbent works with personnel from within and outside the agency at all levels. Contacts are for the purpose of coordinating, problem solving, troubleshooting and analyzing in highly sensitive or disputed situations.