CAREER INSIGHT

BIG DATA

Big Data refers to data sets that are so large and complex that traditional data processing applications are inadequate. As such, new analytical systems and strategies are being created in order to properly and accurately analyze these data points and disseminate them into focused, actionable intelligence which can impact organizational and management performance.

KEY FINDINGS

As technology evolves and more and more data points are created, analyzing and understanding big data becomes an increasingly important part of organizational and managerial decisions.

Mathematical reasoning and database management is crucial for big data analytics.

Job growth in big data-related occupations is higher in Orange County than at the state and national level and provide substantially higher salaries than the Orange County average.

MOST IMPORTANT TASKS AND DUTIES

1. Review project plans to plan and coordinate project activity.
2. Manage backup, security and user help systems.
3. Develop and interpret organizational goals, policies, and procedures.
4. Develop computer information resources, providing for data security and control, strategic computing, and disaster recovery.
5. Consult with users, management, vendors, and technicians to assess computing needs and system requirements.

EDUCATIONAL LEVEL BY TYPE

Adaptability/Flexibility

Cooperation

Complex Problem Solving

Critical Thinking

Analytical Thinking

Independent

Attentive to Detail

System Analysis Skills

KEY TRAITS

Top Skill Sets

Managing, Planning, Organizing, Problem-Solving

Educational Overview

Employment Overview

Related Coursework

Predictive Analytics Certificate Program

Data Science Certificate Program

Business Intelligence Certificate Program

Web Intelligence Certificate Program

Data Warehousing Specialized Studies Program

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