Help meet the expanding needs for data scientists who are skilled in blending science, art and business. Understand how to automate methods of collecting and analyzing data and utilize techniques to discover previously hidden insights that can profoundly impact the success of any business.

**LEARN HOW TO:**

- Describe the phases of the analytics lifecycle
- Describe and use the typical tools and technologies required to model and analyze big data sets
- Explain the use of typical tools to explore data (R, STATISTICA, Hadoop, etc.)
- Effectively design, model and manage databases
- Describe and utilize unstructured and structured datasets leveraging text analytics tools
- Define requirements, develop an architecture, and implement a data warehouse plan

**FOR MORE INFORMATION:**

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