

REACH IT Program

Business Intelligence Data/Report Analyst Scholarship

Candidate's Profile

To be considered for this scholarship, candidates must meet the following requirements:

- Bachelor's degree, preferable business or equivalent military active duty experience
- 5+ years work experience in business
- Proficiency with Microsoft Excel
- Effective written and verbal communication skills
- Solid analytical and problem-solving skills paired with strong attention to detail
- Self-learner

General Description

As a business intelligence (BI) report analyst, you will be required to conduct data analysis using Excel or enterprise tools like SQL (Structured Query Language) Server Reporting Services. A solid understanding of the relational and multidimensional database schemas is a must, as well as strong SQL skills in order to dissect and translate the underlying data into reports. You will solve real-world business problems by analyzing business data. Job responsibilities include using analysis tools to query data repositories and generate reports, and identifying trends and patterns in a company's stored operational data.

Possible Job Titles

- Business Intelligence Report Analyst
- Business Intelligence Data Analyst

Competencies

- Write relational database queries
- Create and deploy reporting solutions
- Analyze data to give the company a clear view of its business operations

Course Curriculum

This learning plan will introduce you to the fundamentals of SQL using Microsoft SQL Server, and the fundamentals of business intelligence reporting using SQL Server Reporting Services and Microsoft Excel with the Power BI stack.

After completing this learning plan, you will be able to extract and analyze data stored in relational databases and create business intelligence reports that display your analysis findings. You should be able to demonstrate a technical knowledge of the data life cycle and SQL.

The Business Intelligence Report Analyst credentials validate your ability to create data models to analyze business data and to create reports based on the models using Microsoft SQL Server, SQL Server Reporting Services and the Microsoft Power BI tools.

Course Topics

1. Fundamentals of Relational Databases

Corporate and Continuing Education

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2. Advance Excel Concepts
3. Introduction to SQL Querying
4. Advance SQL Querying
5. SQL Server Reporting Services Fundamentals
6. Power BI Fundamentals

Course Format:

- Estimated length of training: 130 hours classroom instruction plus home study
- User groups and outside presentation events highly recommended
- Classes are held at CPCC's Levine Campus – Tuesday, Wednesday and Thursday from 6:30 to 10 p.m. Additions or modifications to date/times are subject to change without notice.