Microsoft Certified Azure Data Scientist Associate

Certification website: Microsoft Certified: Azure Data Scientist Associate - Certifications | Microsoft Learn

Credential Summary

Azure Data Scientists are responsible for designing and creating a suitable working environment for data science workloads, explore data, training machine learning models, implementing pipelines, running jobs to prepare for production and managing, deploying, and monitoring scalable machine learning solutions. Candidates for the Azure Data Scientist Associate certification should have knowledge and experience in data science using Azure machine Learning and MLflow.

Overview

- **Related Instructional Hours:** 4 days
- **Exam details**: DP-100
  - Minimum passing is 700/1000
- **Third party testing provider**: PearsonVue
- **Exam cost**: $165
- **Renewal details:** Credential good for 12 months
  - Renewal is a free, online assessment

Job Opportunities

- **Relevant SOC codes**
  - Database Administrators   15-1242
  - Data Scientist   15-2051
  - Operations Research Analyst   15-2031
- **Demand information**
  - Average flame ranking = 4.08/5
- **Average Wages**
  - Ranges from $75,970 (36.52 per hour) to $76,810 (36.93 per hour) (Average wages pulled as of October 2023)

Knowledge, Skills, and Competencies

- Design and prepare a machine learning solution
- Explore date and train models
- Prepare a model for deployment
- Deploy and retrain a model

Post Secondary Relevance

- **Next level programs of study**
  - Website and Database Development
  - Software Development