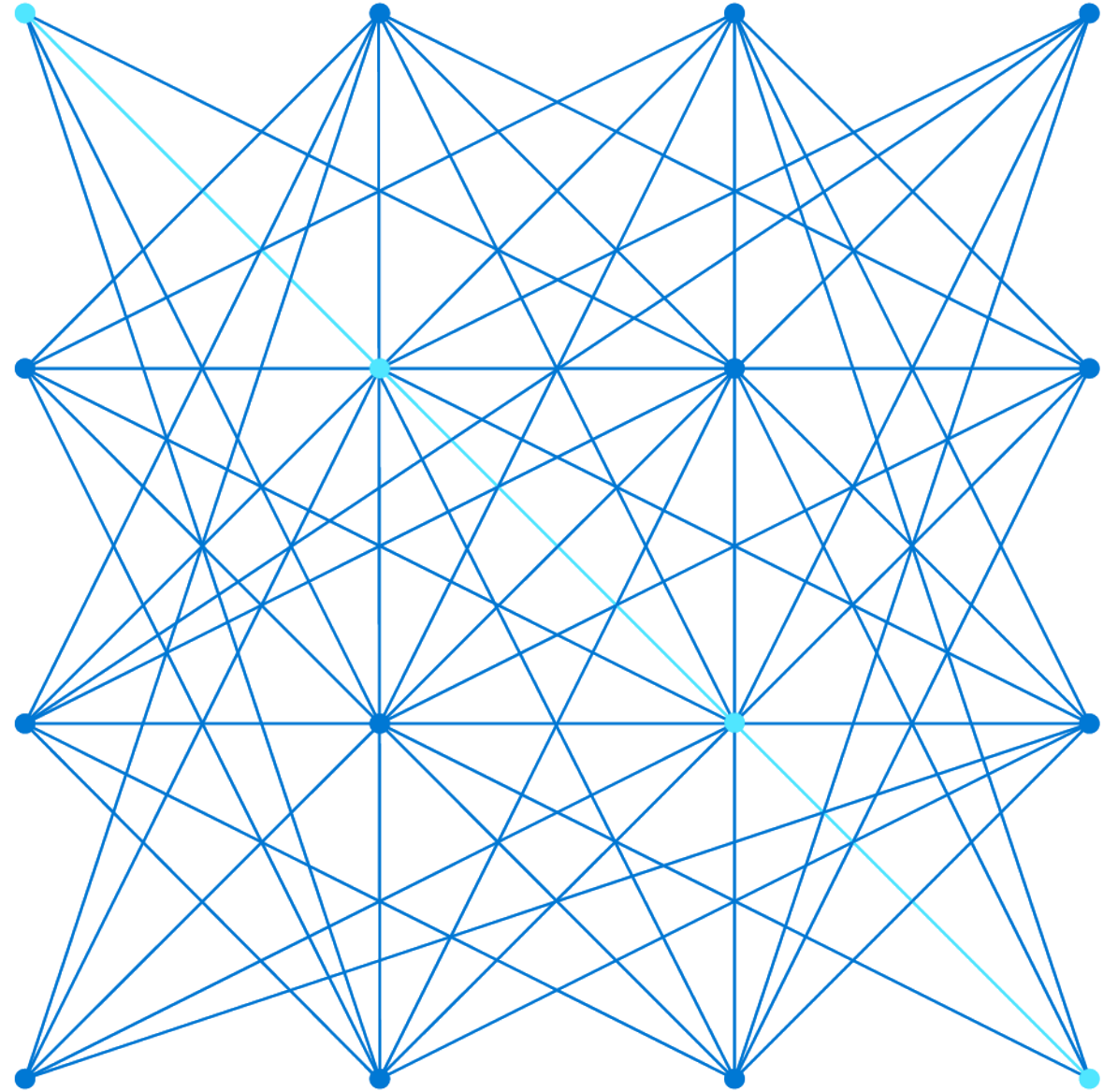


Online Role-based training resources:

Microsoft Learn

<https://docs.microsoft.com/en-us/learn/>

PL-300 Analyzing Data with Power BI



Module 0: Introduction

Lesson 1: Introduction



Welcome

Thank you for joining us today.

We've worked together with the Microsoft Partner Network and Microsoft IT Academies to bring you a world-class learning experience.

Microsoft Certified Trainers + Instructors. Your instructor is a premier technical and instructional expert who meets ongoing certification requirements.

Customer Satisfaction Guarantee. Our partners offer a satisfaction guarantee and we hold them accountable for it.

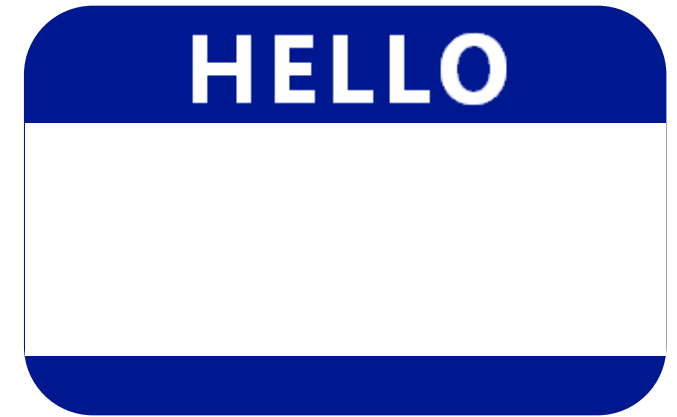
At the end of class, please complete an evaluation of today's experience. We value your feedback!

Certification Exam Benefits. After training, consider pursuing a Microsoft Certification to help distinguish your technical expertise and experience. Ask your instructor about available exam promotions and discounts.

We wish you a great learning experience and ongoing career success!

Hello! Instructor Introduction

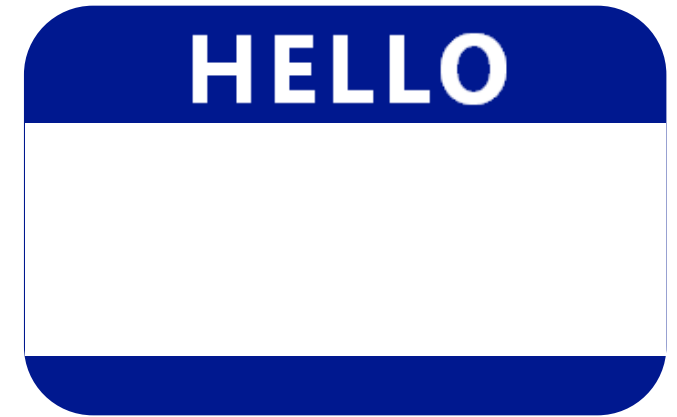
- Instructor: <Name>
- <Title or other credentials, e.g., Microsoft Certified Trainer>
- <Affiliation/Company>
- <A few words about my technical and professional experience>



Hello! Student Introductions

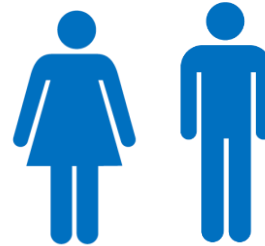
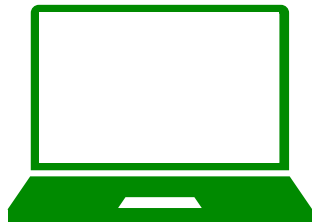
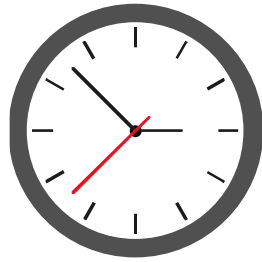
Let's get acquainted:

- Your name
- Company affiliation
- Title/function
- Data and/or Microsoft Power BI experience
- Your expectations for the course



Facilities

- Class hours
- Building hours
- Parking
- Restrooms
- Meals
- Phones
- Messages
- Smoking
- Internet access
- Recycling
- Emergency procedures



Data Analyst Role

- Enable businesses to maximize the value of their data assets using Microsoft Power BI.
- Responsible for designing and building scalable models, cleaning and transforming data, and enabling advanced analytics capabilities that provide meaningful business value through easy-to-comprehend data visualizations.
- Collaborate with key stakeholders across verticals to deliver relevant insights based on business requirements.
- Have a fundamental understanding of data repositories and data processing both on-premises and in the cloud.

About this Course: Prerequisites

- Successful data analysts start this role with experience with data visualization products and services such as Microsoft Power BI.
- Understanding of both on-premises and cloud-based data repositories.
- A fundamental understanding of Azure data services.

About this Course: Objectives

- Identify and retrieve data from data sources and understand the different connection methods.
- Optimize query performance.
- Profile and examine the data and apply data shape transformations.
- Develop a scalable and performance data model.
- Enhance the data model with DAX using measures, calculated columns and tables.
- Use variables and aggregations to optimize model performance.
- Design and create reports and dashboards.
- Select and add appropriate visualizations.
- Create paginated reports.
- Perform Advanced Analytics.
- Create and manage workspaces.
- Manage datasets and dataset refresh.
- Apply row-level security.

About this Course: Course Outline

- M01: Get Started with Microsoft Data Analytics
- M02: Prepare Data in Power BI
- M03: Cleaning, Transforming, and Loading Data
- M04: Designing a Data Model in Power BI
- M05: Create Model Calculations using DAX in Power BI
- M06: Optimize Model Performance
- M07: Create Reports
- M08: Create Dashboards
- M09: Create Paginated Reports
- M10: Perform Advanced Analytics
- M11: Create and Manage Workspaces
- M12: Manage Datasets in Power BI
- M13: Row-level Security

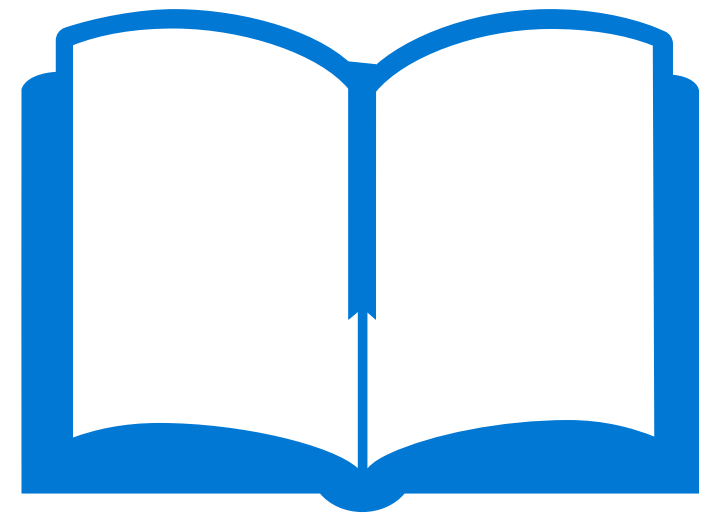
Certification Areas (PL-300)

- Percentages indicate the relative weight of each area on the exam
- The higher the percentage, the more questions you are likely to see in that area

Study Areas	Weights
Prepare the Data	20-25%
Model the Data	25-30%
Visualize the Data	20-25%
Analyze the Data	10-15%
Deploy and Maintain Deliverables	10-15%

References

- PL-300 Prepare data for analysis
<https://docs.microsoft.com/en-us/learn/modules/get-data/>



Azure Technical Trainer Role Based Training