

## Module 7 - Assignment

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### Problem Statement:

As a Data Analyst for AdventureWorks, you are investigating the use of live connections to Azure SQL Database and Azure SQL Data Warehouse.

In this assignment, you will create a Power BI Desktop report and use DirectQuery to pull data from the AdventureWorks database hosted in Azure. You will then publish this report to Power BI Service.

You have been asked to:

- a) Start with a blank Power BI Desktop file
  - b) Connect to [AdventureWorksLT](#) SQL Database using DirectQuery
  - c) Load the SalesLT.Product and SalesLT.SalesOrderDetail tables
  - d) Create a chart based on the card visualization
  - e) Add an OrderQty field to the chart
  - f) Create a slicer and add SellStartDate
  - g) Save the file as Assignment 7
  - h) Publish the report to Power BI Service
  - i) Open the Assignment 7 report, and create a card visual with a LineTotal field
  - j) To view the data in Power BI Service, use Data Gateway
  - k) Save and close Power BI Service
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