# **DP201 - Designing an Azure Data Platform Solution**

## Instructor Notes for Lab 1 Review.

**Note:** There are individual instructor notes for each exercise that can be used as a guide to direct discussions. It is important that you are familiar with these notes. They act as a starting point and you can add your own notes to this as well.

In order to reinforce the learning points of the module, consider discussing the following points while reviewing lab 1.

1. **Get each group to show and discuss their answers.**

If you have less than three groups, get a volunteer from each group to spend 5 mins each presenting the answers that they have found. For three or more groups, lead a classroom discussion for 15 minutes that elicits the answers. Your action is to make a note of the requirements that is visible to the entire classroom.

1. **Identify any gaps in the requirements between groups.**

Compare each group lists and start discussions with requirements that have been identified by one group but not others. This represents an opportunity for a new learning for some members of your class. For example, some of your groups may list “That marketing wants to measure the impact of a twitter campaign”. This is a valid requirement as per the case study but may be missed as the class may focus more on the technical non-functional requirements around security, performance, scalability, availability, recoverability, efficiency and operations due to the content in the course.

1. **Are there any requirements that could not be categorized?**

“That marketing wants to measure the impact of a twitter campaign”. This is a valid requirement, but it would be difficult to categorize as per the module. For business requirements such as this categorize them as functional requirements**.**

1. **Are there any requirements that would require input from other roles in the organization?**

The following is a list of requirements that a data engineer may need help with:

* 1. Authentication and security likely need help from an Azure Engineer
  2. The Bot work for the Customer Service and Presales would likely need help from the AI Engineer
  3. Building the Predictive Analytics solution would likely to need the iput from a Data Scientist
  4. Migrating the SQL Server ordering system from on-premises would need to be done in partnership with a DBA
  5. Migrating the Data Warehouse from on-premises would need to be done in partnership with a DBA and BI developers.