

DP201 - Designing an Azure Data Platform Solution

Lab 1 – Azure Architecture Considerations

Use the table below to document the security, performance, scalability, availability, recoverability, efficiency and operations requirements as identified from the AdventureWorks case study.

Below are some examples of the requirements that could be identified.

Exercise #	Requirement	Requirement type
1	Only internal access allowed to the Azure SQL Data Warehouse	Security
1	The connected bicycle must have secure connections to 1 st and 3 rd party applications	Security
2	Customer Service and Presales need to scale using Bots and store conversation history	Scalability And Performance
2	There is a requirement to scale the data warehouse system for the months of November and December	Scalability
2	There is a requirement to scale the Sales/Ordering system for the months of November and December	Scalability
2 and 3	A predictive analytics solution that is performant and resilient	Performance, Availability and Recoverability
3	The Sales/Ordering system has a high availability requirement to ensure that it has continued operations	Availability
3	The Sales/Ordering system has a data recoverability requirement of upto a day	Recoverability
3	The predictive analytics solution has a data recoverability requirement of upto a day	Recoverability
4	Regular automated data loads into Azure SQL Data Warehouse	Automation