Hands-on Practice

I completed and submitted Homework.

Self-Learning

I completed Agile, Jira & Confluence.

SQL basics as from shared resources in the group – In Progress

Certification:

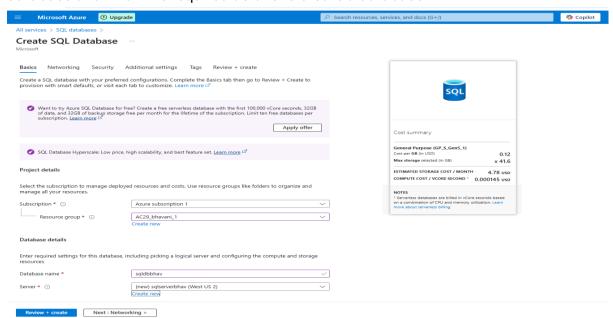
I started going through the pdf document of DP-900.

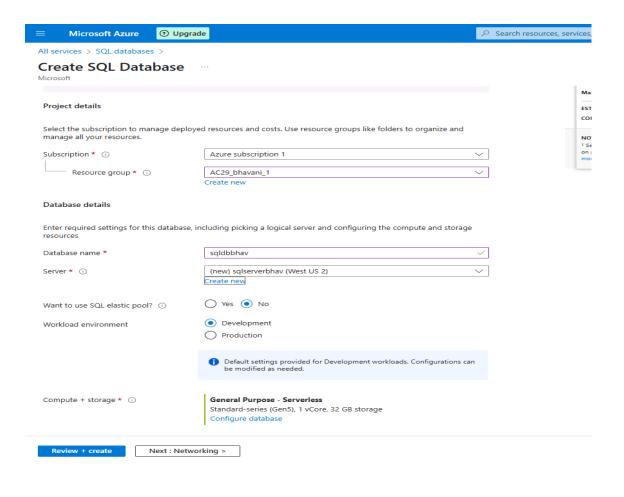
EOD Updates:

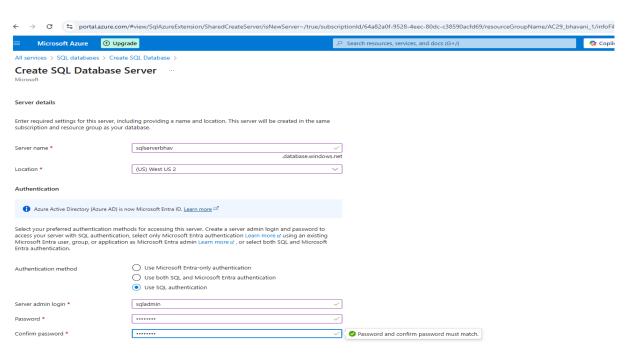
I have done homework as given and started reading the DP-900 question for certificate preparation, Working on to complete the Weekend Project which is assigned.

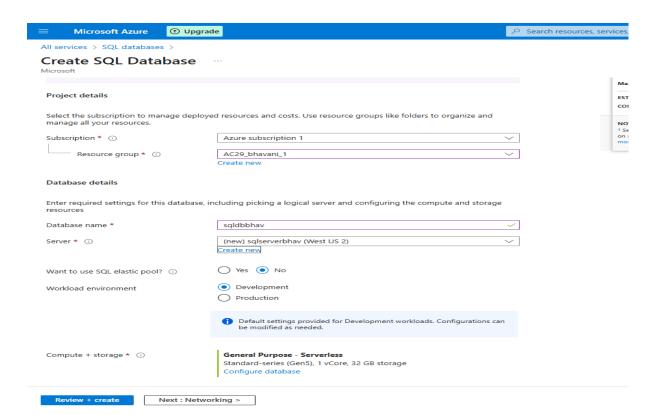
Homework | Cycle 29 | Session 9

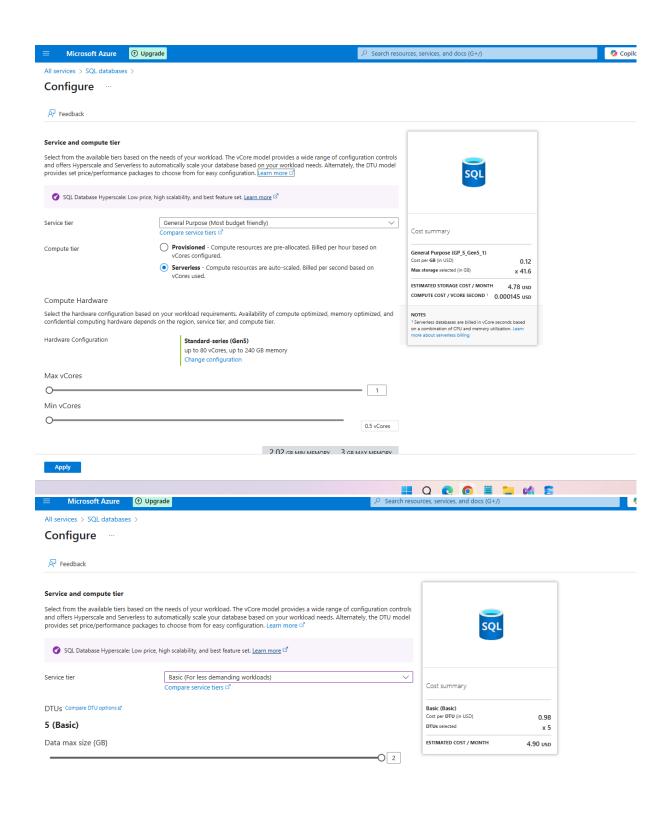
- Create Azure Sql Database and Explore the Options
- Difference Between V Core Model and DTU Model Write Down
- Create Azure Sql Database and Explore the Options Login into portal.azure.com and search for azure sql database, click on sql database and fill all the required details to create a database

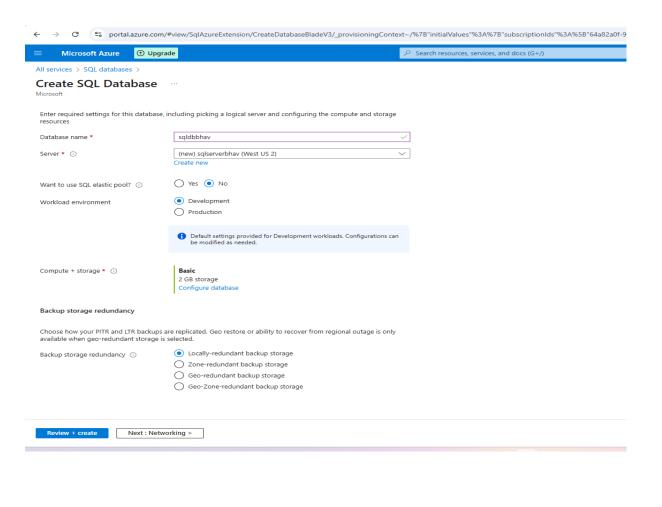


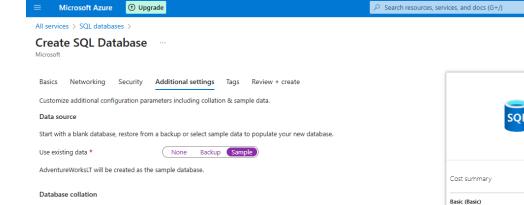












Cost per DTU (in USD)

ESTIMATED COST / MONTH

DTUs selected

0.98

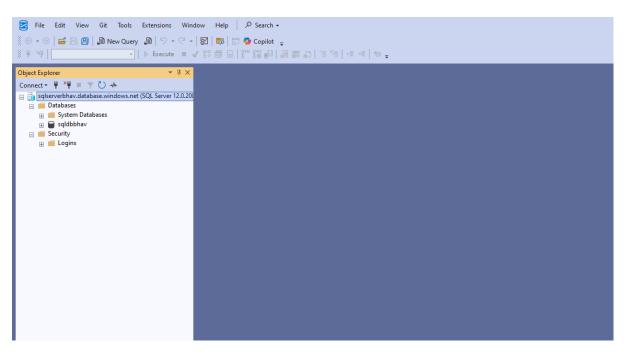
x 5

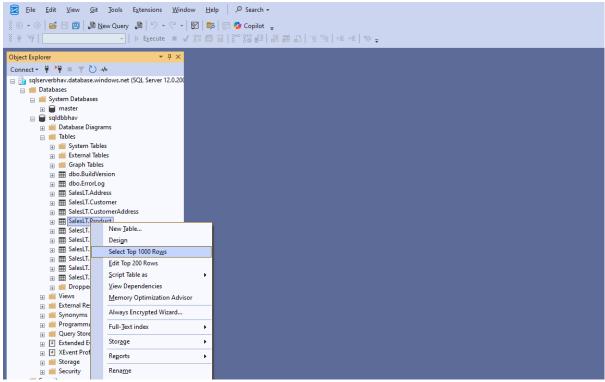
4.90 USD

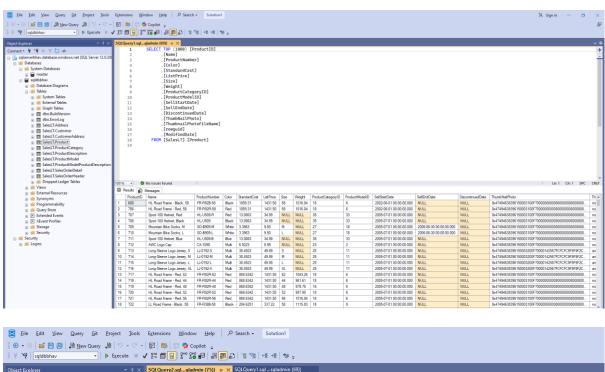
Database collation defines the rules that sort and compare data, and cannot be changed after database creation. The default database collation is SQL_Latin1_General_CP1_CI_AS. Learn more ©

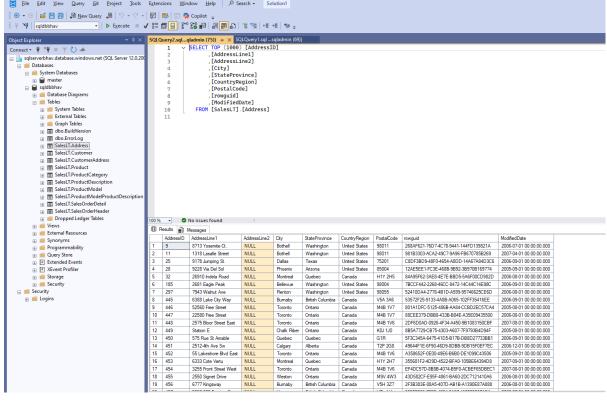
Collation ①

SQL_Latin1_General_CP1_CI_AS









Difference Between V Core Model and DTU Model Write Down

V Core	DTU Model
The vCore (Virtual Core) model is a virtual core-based model that provides flexibility to scale computing resources and memory independently.	DTUs are only available for Azure SQL Database and NOT for Azure SQL MI.
Allows users to choose the amount of CPU, memory and IOPS (Input/Output Operations Per Second) they need. This provides greater control over resources and cost optimization.	DTU is the "old" option Resources are provisioned as a package, with predefined levels that offer a balanced combination of CPU, memory, and IOPS.
In the vCore model, you have separate charges for compute (specifying the type of node or compute power) and storage, giving you greater cost management flexibility.	With the DTU model, you pay a fixed price covering compute (or IO/memory), data storage, and backup retention.
Provides flexibility and transparency into your costs, making it advantageous if you want more control over your resources.	Offers simplicity with fewer options and a single fixed price that includes everything. Ideal for those seeking straightforward pricing.