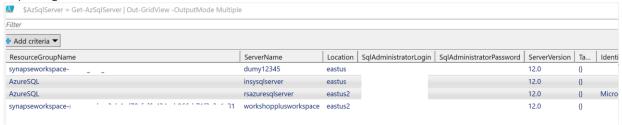# Build-Azure-SQL-DB-Inventory-with-Power Shell

- Free to use to build inventory for Azure SQL Databases running in DTU Model

- Script has been tested against the Azure SQL Databases in case there is a Dedicated Synapse SQL Pool Hosted on same logical Server mention in Exclude DB List

Select Subscription from the List

Select Multiple Logical SQL Server

ServerName	DatabaseName	UsedSpace	UsedSpaceProcentage	AllocatedSpace	MaximumStorageSize
insysqlserver	OriginDB	0.02	0	0.03	250
insysqlserver	RemoteDB	0.02	1	0.03	2
insysqlserver	TEST01	0.12	0	0.12	32
insysqlserver	TEST02	0.10	0	0.11	32
rsazuresqlserver	AppOne	0.02	0	0.03	32
rsazuresqlserver	IS-Intranet-Grant-DB-Test	0.01	0	0.03	250
rsazuresqlserver	OriginDB	0.02	0	0.03	250
rsazuresqlserver	OriginDB_TEMP_R	0.01	0	0.03	32
rsazuresqlserver	PoolDB2	0.02	0	0.03	32
rsazuresqlserver	Rakesh4ElasticJob	0.02	0	0.03	32
rsazuresqlserver	RemoteDB	0.01	0	0.03	250
rsazuresqlserver	RemoteDB_TEMP_R	0.01	0	0.03	32

```
CREATE TABLE TBL_AZSQL_INVENTORY
(
ServerName varchar(300),
DatabaseName varchar(200),
UsedSpace float,
UsedSpacePer float,
AllocatedSpace float,
MaxStorageSoze float,
CaptureDateTime varchar(100)
)
```

```sql
select * from TBL_AZSQL_INVENTORY
```

	ServerName	DatabaseName	UsedSpace	UsedSpacePer	AllocatedSpace	MaxStorageSoze	CaptureDateTime
4	insysqlserver	TEST02	0.1	0	0.11	32	11/12/2021 05:18:58 PM
5	rsazuresqlserver	AppOne	0.02	0	0.03	32	11/12/2021 05:19:08 PM
6	rsazuresqlserver	IS-Intranet-Grant-DB-Test	0.01	0	0.03	250	11/12/2021 05:19:18 PM
7	rsazuresqlserver	OriginDB	0.02	0	0.03	250	11/12/2021 05:19:28 PM
8	rsazuresqlserver	OriginDB_TEMP_R	0.01	0	0.03	32	11/12/2021 05:19:39 PM
9	rsazuresqlserver	PoolDB2	0.02	0	0.03	32	11/12/2021 05:19:46 PM
10	rsazuresqlserver	RemoteDB	0.01	0	0.03	250	11/12/2021 05:19:56 PM
11	rsazuresqlserver	RemoteDB_TEMP_R	0.01	0	0.03	32	11/12/2021 05:20:04 PM
12	insysqlserver	OriginDB	0.02	0	0.03	250	11/12/2021 05:33:44 PM
13	insysqlserver	RemoteDB	0.02	1	0.03	2	11/12/2021 05:33:52 PM
14	insysqlserver	TEST01	0.12	0	0.12	32	11/12/2021 05:34:00 PM
15	insysqlserver	TEST02	0.1	0	0.11	32	11/12/2021 05:34:08 PM
16	rsazuresqlserver	AppOne	0.02	0	0.03	32	11/12/2021 05:34:18 PM
17	rsazuresqlserver	IS-Intranet-Grant-DB-Test	0.01	0	0.03	250	11/12/2021 05:34:27 PM
18	rsazuresqlserver	OriginDB	0.02	0	0.03	250	11/12/2021 05:34:34 PM
19	rsazuresqlserver	OriginDB_TEMP_R	0.01	0	0.03	32	11/12/2021 05:34:42 PM
20	rsazuresqlserver	PoolDB2	0.02	0	0.03	32	11/12/2021 05:34:51 PM
21	rsazuresqlserver	Rakesh4ElasticJob	0.02	0	0.03	32	11/12/2021 05:34:59 PM
22	rsazuresqlserver	RemoteDB	0.01	0	0.03	250	11/12/2021 05:35:07 PM
23	rsazuresqlserver	RemoteDB_TEMP_R	0.01	0	0.03	32	11/12/2021 05:35:16 PM

```sql
select * from TBL_AZSQL_INVENTORY
```

	ServerName	DatabaseName	UsedSpace	UsedSpacePer	AllocatedSpace	MaxStorageSoze	CaptureDateTime