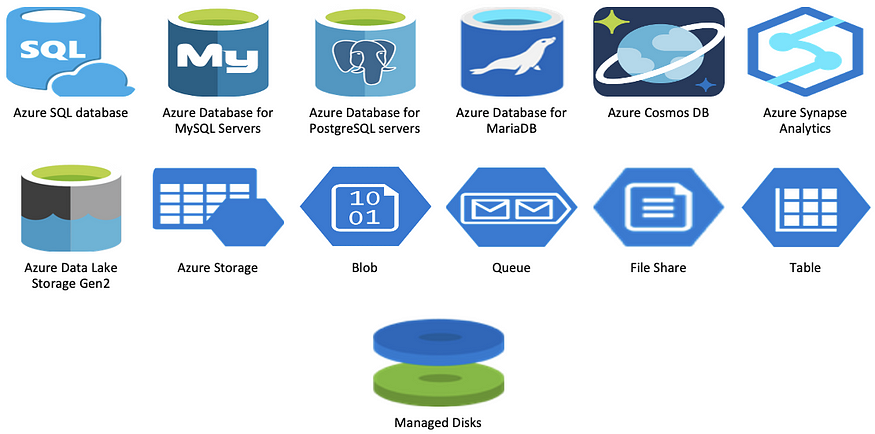
<https://itnext.io/azure-paas-data-storage-solutions-when-to-use-what-9a70bf077004>



We are living in a world where a lot of data is generated in all shapes and sizes and can be used for a different purpose. Management and store of such data at scale is a challenge.

Fortunately, Azure has a rich collection of data-based offerings. In this article, I will summarize the Azure data storage solutions available as PaaS offering and their ideal use cases.

**Data Storage options in Azure PaaS**



Blob, Queue, File, Table and Managed Disk are offered under **Azure Storage**. But since they all store/hold data, I have included them in this list.

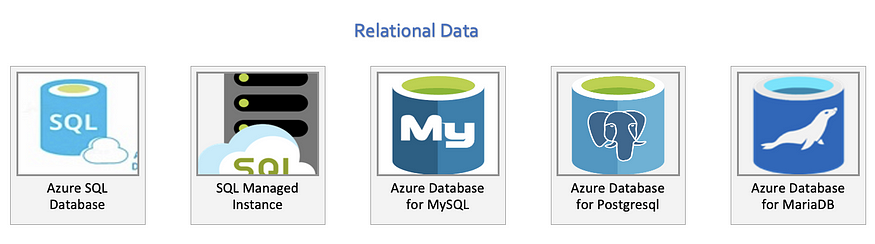
For Simplicity I am going to divide these services into 3 categories:

1. Relational Data

2. Unstructured/document data

3. Big data & Analytics

**Relational Data**



**Unstructured/document data**

A blue and white icons

Description automatically generated with medium confidence

**Big Data & Analytics**

A close-up of a logo

Description automatically generated

**Summary — When to Use What**

A screenshot of a computer

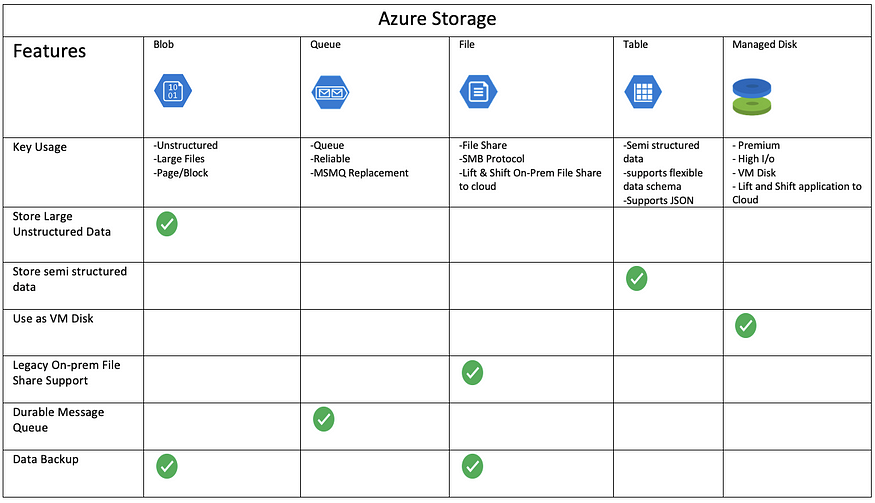
Description automatically generated

\* OLTP - Online Transactional Processing

\*\*OLAP - Online Analytical Processing

SQL Server database and SQL Managed Instance are two separate offerings, but they share same features.

Storage account has multiple services offered. I have created a separate Feature set to compare against Storage Account Service Offerings.



## **Microsoft Azure DP 900 Data Fundamentals**

<https://art-verse.com/microsoft-azure-resources-cheat-sheets-free-pdf-downloads/>

Here is a list of links to the current sheets:

1. [**Data Concepts Cheat Sheet #1**](https://art-verse.com/2022/01/22/microsoft-azure-data-fundamentals-dp-900-data-concepts-cheat-sheet-1-free-download/)
2. [**Databases Cheat Sheet #2**](https://art-verse.com/2022/02/19/microsoft-azure-data-fundamentals-dp-900-data-concepts-cheat-sheet-2-free-download/)
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7. [**SQL Managed Instance Cheat Sheet #7**](https://art-verse.com/2022/10/29/microsoft-azure-data-fundamentals-dp-900-sql-managed-instance-cheat-sheet-7-free-download/)
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12. [**Blob Storage Cheat Sheet #12**](https://art-verse.com/2023/04/22/microsoft-azure-data-fundamentals-dp-900-blob-storage-cheat-sheet-12-free-download/)
13. [**File Storage Cheat Sheet #13**](https://art-verse.com/2023/07/15/microsoft-azure-data-fundamentals-dp-900-file-storage-cheat-sheet-13-free-download/)
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17. [**Data Services Cheat Sheet #17**](https://art-verse.com/2023/09/30/microsoft-azure-data-fundamentals-dp-900-data-services-cheat-sheet-17-free-download/)
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## Microsoft Azure AZ 900 CLOUD Fundamentals

1. [**Cloud Computing Cheat Sheet #1**](https://art-verse.com/2021/01/16/microsoft-azure-900-fundamentals-cloud-computing-cheat-sheet-1-free-download/)
2. [**Architectural Components Cheat Sheet #2**](https://art-verse.com/2021/02/20/microsoft-azure-900-fundamentals-architectural-components-cheat-sheet-2-free-download/)
3. [**Compute Services Cheat Sheet #3**](https://art-verse.com/2021/03/20/microsoft-azure-900-fundamentals-compute-services-cheat-sheet-3-free-download/)
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