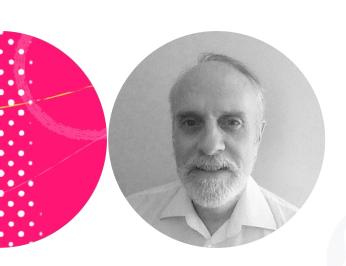
# Sampling Data in SQL Server

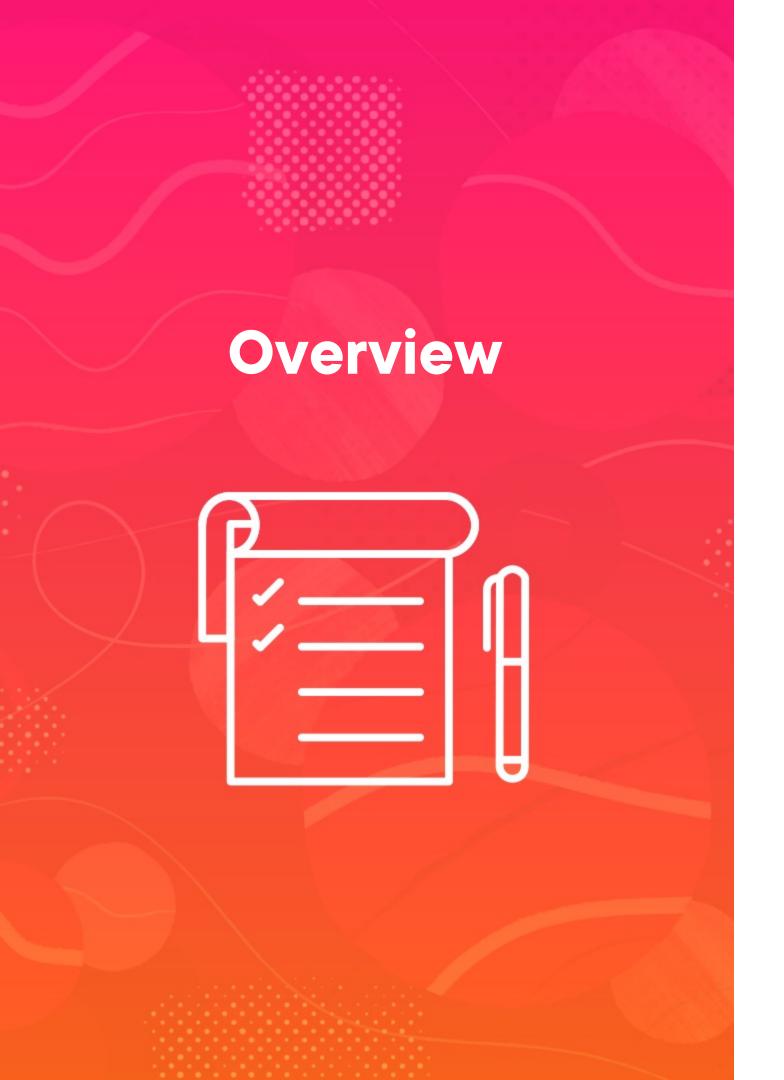


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What is sampling?

Sampling methods

**TABLESAMPLE** option

Sampling queries using TABLESAMPLE

### **Understanding Data Sampling**

Population Sample Sampling method

Bias Sample size

- **◄** Start of query or subquery (sample)
- **◄ FROM clause (population)**
- **▼ TABLESAMPLE option (random sampling)**
- **◄** Sample size (unbiased)
- **◄** Return the same sample next time

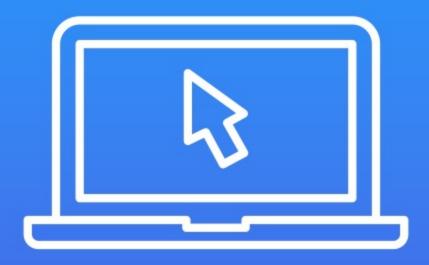


#### Demo 1



Using the TABLESAMPLE option

#### Demo 2



**Creating stratified samples** 

## Demo 3



Cluster sampling





Sampling data in SQL Server

Reviewed data sampling

**TABLESAMPLE** option

Demos building sampling queries

**Omitted convenience sampling**