



CLOUD COMPUTING APPLICATIONS

Analytics in the Cloud: Other Analytics Services
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Serverless Analytics

- Azure Analysis Services
 - Built on SQL Server Analysis Services
 - Tabular models only
 - Partitions, perspectives, row-level security, bi-directional relationships, and translations
- AWS Redshift Spectrum
- AWS Athena

Search-based Analytics

- Full Text Search
- Search analytics
- ELK Stack
 - Elasticsearch
 - Logstash
 - Kibana
- Search
 - AWS CloudSearch
 - Based on Apache Solr search engine
 - Solr uses MapReduce
 - Hadoop was born from Solr
 - Azure Cognitive Search

Big Data Analytics

- Open Source Big Data Analytics
 - Managed Hadoop, Spark, Hive
 - AWS EMR
 - Azure HDInsight: Hadoop, Spark, Kafka, HBase, Storm, etc.
 - Azure Databricks
- Streaming Analytics
 - AWS
 - Kinesis Data Analytics
 - Amazon Managed Streaming for Apache Kafka (Amazon MSK)
 - Azure
 - Stream Analytics



Azure HDInsight Ecosystem

Graphical BI Tools

- Visualization
 - Tableau
 - AWS QuickSight
 - Azure PowerBI

Cloud Computing Applications
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