

# **Introduction to Big Data Tools**

# BDA Tools



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# Big data Tools (Various stages)

Data storage and management	Data Cleaning	Data Mining	Data Visualization	Data Reporting	Data Ingestion and data acquisition	Data Analysis
<ul style="list-style-type: none"><li>• MongoDB</li><li>• Cassandra</li><li>• Neo4j</li><li>• Apache HBASE</li><li>• Talend</li><li>• Apache Hadoop</li><li>• HD Insight Microsoft</li><li>• Apache Zookeeper</li></ul>	<ul style="list-style-type: none"><li>• MS Excel</li><li>• Open Refine</li></ul>	<ul style="list-style-type: none"><li>• Tera Data</li><li>• Rapid Miner</li></ul>	<ul style="list-style-type: none"><li>• Tableau</li><li>• IBM Watson Analytics</li><li>• Plotly</li></ul>	<ul style="list-style-type: none"><li>• Power BI</li></ul>	<ul style="list-style-type: none"><li>• Sqoop, Flume, Apache Storm</li></ul>	<ul style="list-style-type: none"><li>• Hive</li><li>• Pig</li><li>• Mapreduce</li><li>• Spark</li></ul>

# Advantages of BD Tools

- Provide the analyst with advanced analytics algorithm and model
- Can run on big data platforms such as hadoop or any high performance analytics systems
- Can work with structure, unstructured or semi-structured data from multiple sources.
- Easy to visualize the analyzed data
- Easy to integrate with other technologies.