Power BI

<https://www.safaribooksonline.com/library/view/the-definitive-guide/9780735698383/>

<https://www.safaribooksonline.com/library/view/analyzing-data-with/9781509302833/>

<https://www.safaribooksonline.com/library/view/pro-power-bi/9781484218051/>

<https://www.safaribooksonline.com/library/view/introducing-microsoft-power/9781509302284/>

<https://www.safaribooksonline.com/library/view/beginning-power-bi/9781484225776/>

<https://www.safaribooksonline.com/library/view/exam-ref-70-778/9780134857817/>

<https://www.safaribooksonline.com/library/view/microsoft-power-bi/9781789138221/>

Access DB

<https://www.safaribooksonline.com/library/view/access-database-design/1565926269/>

<https://www.safaribooksonline.com/library/view/microsoft-access-2010/9780470591673/>

<https://www.safaribooksonline.com/library/view/microsoft-access-small/9780470525746/>

SQL

<https://www.safaribooksonline.com/library/view/sql-queries-for/9780134858432/>

<https://www.safaribooksonline.com/library/view/sql-primer-an/9781484235768/>

it\_finance, phoenix, cardpro, bafl\_dwh, bafl\_dw

HIVE

<https://www.safaribooksonline.com/library/view/instant-apache-hive/9781782169475/>

<https://www.safaribooksonline.com/library/view/apache-hive-cookbook/9781782161080/>

<https://www.safaribooksonline.com/library/view/apache-hive-essentials/9781788995092/>

LEARNING

<https://www.safaribooksonline.com/library/view/hadoop-the-definitive/9781449328917/>

<https://www.safaribooksonline.com/library/view/learning-spark/9781449359034/>

<https://www.safaribooksonline.com/library/view/how-linux-works/9781457185519/>

<https://www.safaribooksonline.com/library/view/designing-data-intensive-applications/9781491903063/>

For governance, Security, Lineage etc

<https://www.safaribooksonline.com/library/view/modern-big-data/9781787122765/>

Data Ingestion Tools:

Sqoop

Flume

Kafka

Data Access Tools:

HIVE

PIG

Hbase

Storm

Monitoring tools

Ambari

Data governance tools

Apache Atlas

Support for data classification

Support for centralized auditing

Proving a search and lineage function

Building a security and policy engine

**Batch layer**

MapReduce

Pig

**Serving layer**

Hbase

MongoDB

For interactive queries and full CRUD operations on the datasets

**Speed layer**

Apache Storm

Apache Spark Streaming

**Authorization / Authentication**

Kerberos

**DATA MANAGEMENT**HADOOP / YARN **DATA ACCESS**PIG  
HIVE  
TEZ  
SOLR  
SPARK  
SLIDER  
Hbase  
PHEONIX  
ACCUMULO  
STORM

**GOVERNANCE AND INTEGRATION**FALCON  
ATLAS  
SQOOP  
FLUME  
KAFKA

**OPERATIONS**AMBARI  
CLOUDBREAK  
ZOOKEEEPER  
OOZIE

**SECURITY**KNOX  
RANGERS

**LIST OF IMPORTANT FEATURES TO EXTRACT**

id

first\_name

last\_name

email

country

ip\_address

gender

userid

currency

job title

company name

creditcardnumber

domain name

latitude

longitude

**OBJECTIVES:**

**360-degree view of a customer**

information about a customer's attitude, behavior, preferences and static data such as date of birth, and presents it as a single integrated view

**Churn detection**

**DATA SOURCES**

DBMS

Transactional System

POS

Web Logs

<https://www.safaribooksonline.com/library/view/hadoop-blueprints/9781783980307/ch02s04.html>

<https://www.safaribooksonline.com/library/view/practical-hadoop-migration/9781484212875/A339337_1_En_2_Chapter.html>

<https://www.safaribooksonline.com/library/view/scaling-big-data/9781783553396/>

<https://www.safaribooksonline.com/library/view/hadoop-for-finance/9781784395162/>

<https://www.safaribooksonline.com/library/view/hadoop-application-architectures/9781491910313/>

<https://www.safaribooksonline.com/library/view/hadoop-real-world-solutions/9781784395506/ch02s07.html>

<https://www.safaribooksonline.com/library/view/hadoop-data-processing/9781787125162/ch24s08.html>

<https://www.safaribooksonline.com/library/view/practical-data-science/9780134029733/ch02.html>

<https://www.safaribooksonline.com/library/view/modern-big-data/9781787122765/>

<https://www.safaribooksonline.com/library/view/big-data-analytics/9781788628846/>

<https://www.safaribooksonline.com/library/view/hadoop-security/9781491900970/ch01.html#introduction>

<https://www.safaribooksonline.com/library/view/hadoop-application-architectures/9781491910313/ch10.html>

yayuver@polyswarms.com