<https://www.safaribooksonline.com/library/view/hadoop-the-definitive/9781491901687/>

Banking Tips:

Customer Spending

Congratulating on birthdays

Detect duplicate financial products or already in account package

Data Collection

Account transactional history

Personal information

To determine what products or services would be most useful.

<https://www.safaribooksonline.com/library/view/modern-linux-administration/9781491935941/ch14.html>

<https://www.safaribooksonline.com/library/view/hadoop-the-definitive/9781491901687/>

<https://www.safaribooksonline.com/library/view/hadoop-real-world-solutions/9781784395506/ch08s05.html>

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

<https://www.safaribooksonline.com/library/view/virtualizing-hadoop-how/9780133812350/>

<https://www.safaribooksonline.com/library/view/hadoop-2x-administration/9781787126732/>

<http://172.24.57.11:9995> Zeppelin

[e4807990@nwytg.net](mailto:e4807990@nwytg.net)

Notes:

Python and Pyspark libraries

Spark SQL is much faster than HQL

Error:

java.lang.IllegalArgumentException: Pathname /172.24.57.11:8080/user/zeppelin/data/bank-additional-full.csv from hdfs://master.bafhdp.com/172.24.57.11:8080/user/zeppelin/data/bank-additional-full.csv is not a valid DFS filename.

<https://www.safaribooksonline.com/library/view/pyspark-recipes-a/9781484231418/A430628_1_En_8_Chapter.html>

<https://www.safaribooksonline.com/library/view/learning-apache-spark/9781785885136/>

Hive DB

temp - - not useful

#### [test\_user\_db](javascript:void(0)) - - not useful

-check date format

**cxttbls.ct\_trxn\_date**

**cxttbls.ct\_post\_date\**

**baf** - - **empty**

#### [transformation](javascript:void(0))

#### No Use

**trn\_ac\_inactive\_reset**

trn\_account\_class

**trn\_baf\_cao**

trn\_baf\_cao\_hist

trn\_banker\_cheque

trn\_branch

**trn\_consolidate\_asst\_liab**

 trn\_currency

IMPORTANT

transformation.trn\_account

transformation.trn\_account\_closed

transformation.trn\_currency & trn\_currency\_hist

transformation.trn\_customer

transformation.trn\_md\_deal

#### [bafl\_dw](javascript:void(0))

atm\_locations

bafl\_complaints

bafl\_complaints\_view

cardpro\_analysis\_view

cardprocustomers

cardprocustomers1

NOT COMPLETED

#### 

#### [phoenix](javascript:void(0))

#### 

#### Important

#### Atm

#### atm\_location

#### atm\_location1

#### branch\_list ----------- For Grouping

#### Staging

#### stg\_account\_closed

#### stg\_customer

#### stg\_loan\_deposit

#### 

#### cardpro

#### cardpro\_analysis

#### cp\_crdtrx

#### cp\_csttbl

#### dup

<https://www.safaribooksonline.com/library/view/pyspark-recipes-a/9781484231418/A430628_1_En_8_Chapter.html>

<https://www.safaribooksonline.com/library/view/learning-pyspark/9781786463708/ch03s09.html>

<https://www.safaribooksonline.com/library/view/apache-spark-deep/9781788474221/cover.xhtml>

<https://www.safaribooksonline.com/library/view/modern-big-data/9781787122765/8738ccbc-e295-484d-b3d0-a20454daaba2.xhtml>

<https://www.safaribooksonline.com/library/view/spark-the-definitive/9781491912201/>

<https://www.safaribooksonline.com/library/view/scala-and-spark/9781785280849/>

<https://www.safaribooksonline.com/library/view/scala-machine-learning/9781788479042/30065060-e24e-4007-a9d1-4e104ddaf50c.xhtml>

<https://www.safaribooksonline.com/library/view/learning-spark-sql/9781785888359/07235f4f-bd3c-4838-8427-45df03c5f95f.xhtml>

<https://www.safaribooksonline.com/library/view/mastering-apache-spark/9781786462749/Text/eacf279c-20c6-4a50-9264-eef302495c73.xhtml>

<https://www.safaribooksonline.com/library/view/scala-and-spark/9781785280849/072a415e-8d41-4d52-bbca-9f62d415c92d.xhtml>

<https://www.safaribooksonline.com/library/view/apache-spark-2x/9781787127265/ba3e6f2c-c73c-41f5-9548-f5a55a0479e7.xhtml>

<https://www.safaribooksonline.com/library/view/scala-guide-for/9781787282858/ch18s02.html>

<https://www.safaribooksonline.com/library/view/apache-spark-for/9781785880100/ch08s06.html>

<https://www.safaribooksonline.com/library/view/hadoop-blueprints/9781783980307/ch07s05.html>

USE CASE

[AI-driven chatbot](https://www.wellsfargo.com/about/press/2017/chat-bot_0418.content) through the Facebook Messenger platform to communicate with users and provide assistance with passwords and accounts.

Recommendation Engine of financial products to customer

Fixed deposits, credit cards, home loans

Uses past information about borrowers’ default rates to predict the likelihood of default for future borrowers.

Incorporating the predictive models into a real-time loan approval process is easy, allowing businesses to scale up and expand their loan portfolios.

Investment Predictions for customer

Identifying a risk score of a customer based on his/ her nationality, occupation, salary range, experience, industry he/she works for, credit history et.

FOR FACIAL RECOGNITION

<https://www.safaribooksonline.com/library/view/apache-spark-deep/9781788474221/>

<https://www.safaribooksonline.com/library/view/deep-learning-for/9781788295628/>

<https://www.safaribooksonline.com/library/view/machine-learning-solutions/9781788390040/>