

# Bank Deposit Assistor

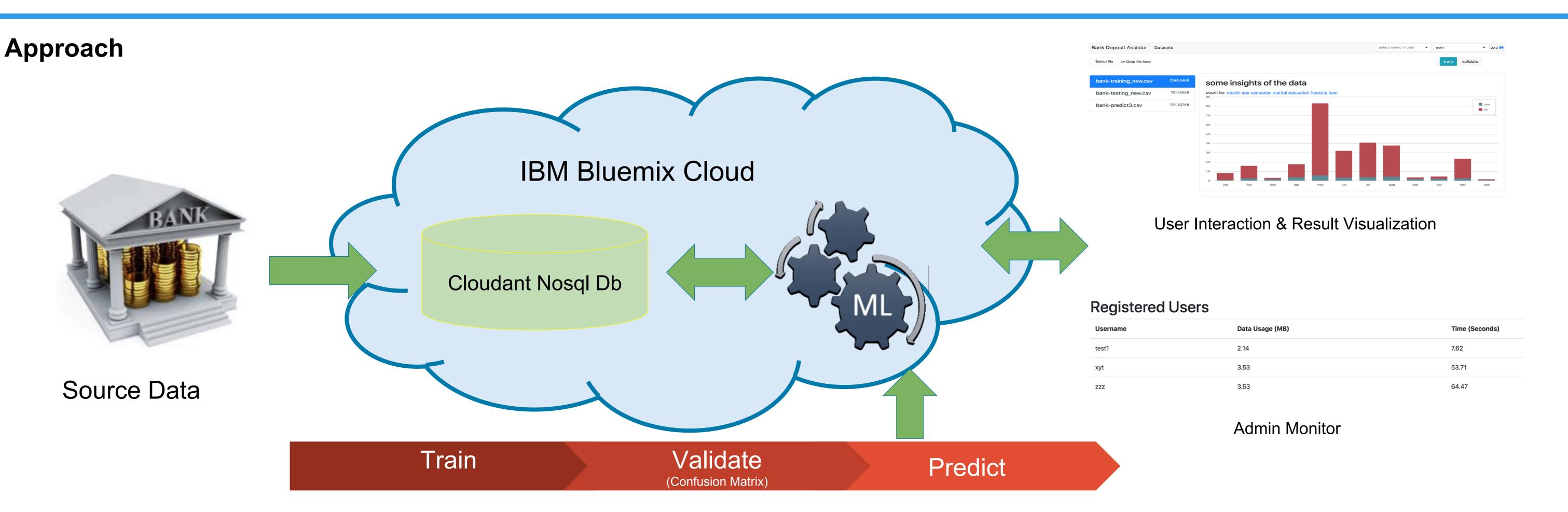
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## **Motivation and Objective**

Banks make profits by absorbing deposits and lending to others. Finding which client want to deposit is tough. It can be improved by big data analysis using machine learning algorithms. But it cost a lot to setup by banks themselves. We can provide a Data Analysis service to cut the cost down.



## Big Data:

- Large Volume
- Unstructured Data

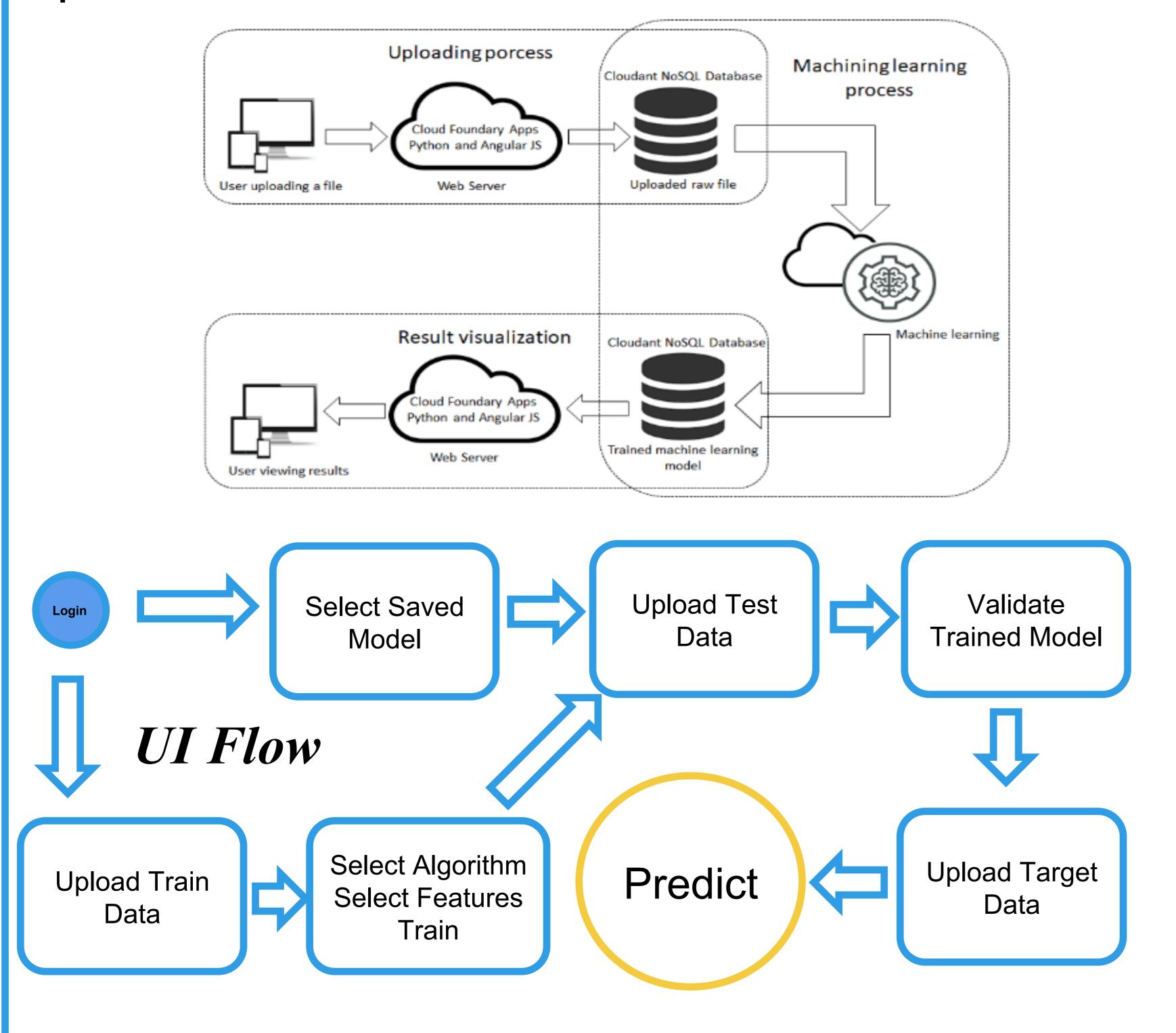
## SaaS:

- Public Cloud / Private cloud
- Multi-tenancy
- Elasticity

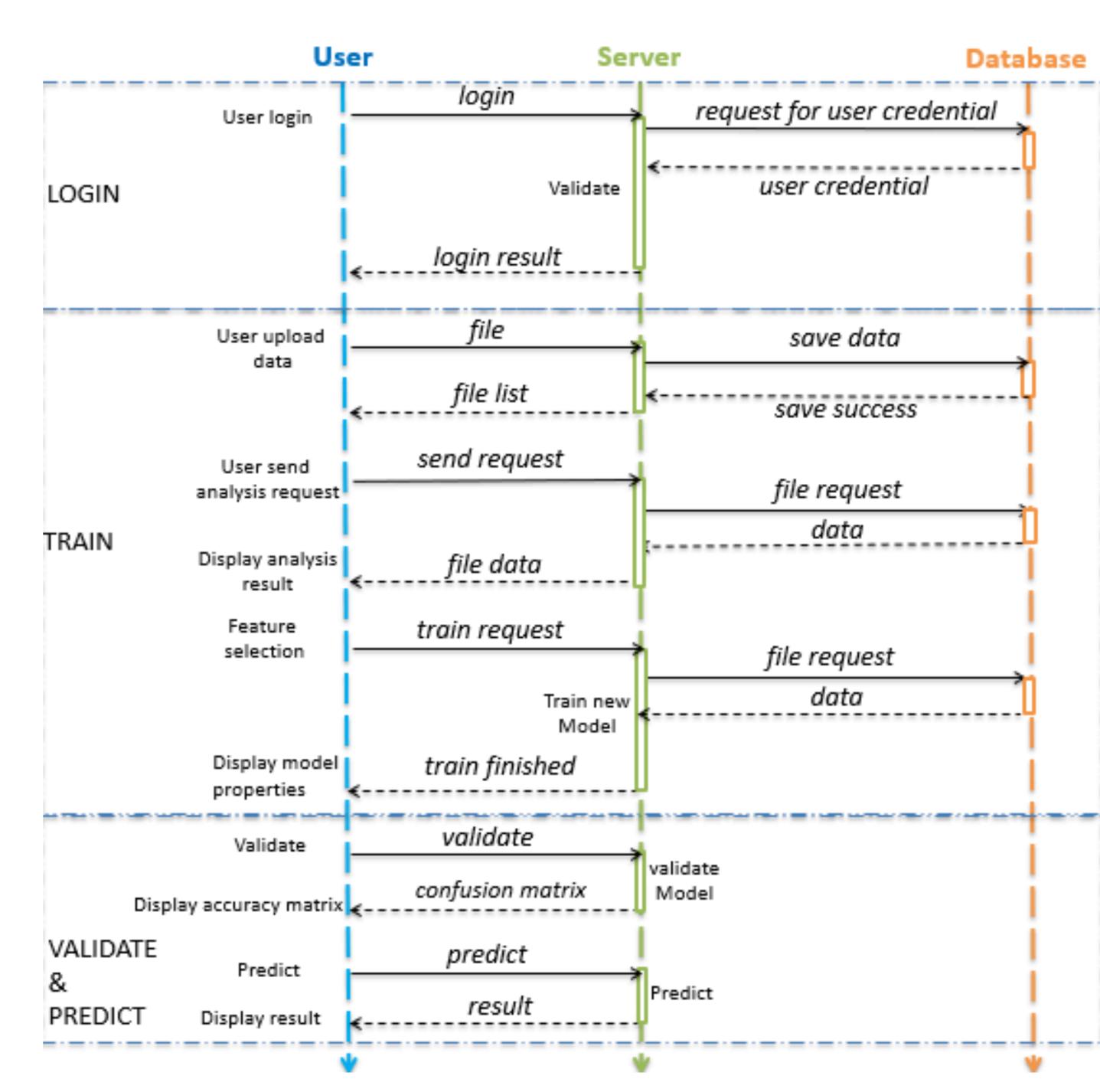
## Machine Learning

- Logistic Regression
- Random forest
- Support Vector Machines

## **Implementation**



## Interactions Between Frontend & Backend



## **Revenue Model**

Pay Per Usage

- 1. Charge by database space usage:
  - Cloudant NoSQL Database document size.
- 2. Charge by time spent on machine learning:

Admin will monitor and record the time spent on machine learning processes.