# DOCUMENTATION

Abstract

* Introduction
* Problem Statement
* existing model
* proposal model
* Product Architecture
* Tools Required
* Advantage for Peoples

Tools used

**Python programming language**

Multipurpose language we used for creating a enrich models to the next level

[Python](http://www.python.com)

**My-SQL Data Base**

**to store the user transaction data in structured way of manner we used MySQL connect library to connect with data base and executing the required query’s**

[**MySQL**](http://www.mysql.com)

**User Interface**

For user inter face we using Rect JS Frame work for **web Application** and React Native For

**mobile APP**

[**ReactJS**](http://www.reactjs.com)**, React Native,**

in industry people widely using react js frame work for modern single page web-application

it directly interacts with user to get some information related for Processing the request in the back-end

**Supportive Backend**

**Reverse Proxy**

**Nginx**

**we scaled our product as microservices each an independent container according the request URL we just Route based on the payload we redried the request based on the processing request**

**Containerization**

**Docker**

**Product Architecture**

**Python**

**NGINX**

**DOCKER Container**

a

**React Image**

**NodeJS image**

**TensorFlow**

**Flask**

**Python image**

**AWS RDS**

User DB

Transaction DB

Model DB

**USER**

**Browser**

**Mobile**

**React Native**

**Dashboard**

**React Web APP**

**Dashboard**

**Node JS**

**(To capture the Transaction)**

**Node JS**

**(To capture the Transaction)**

**Python**

**data History model**