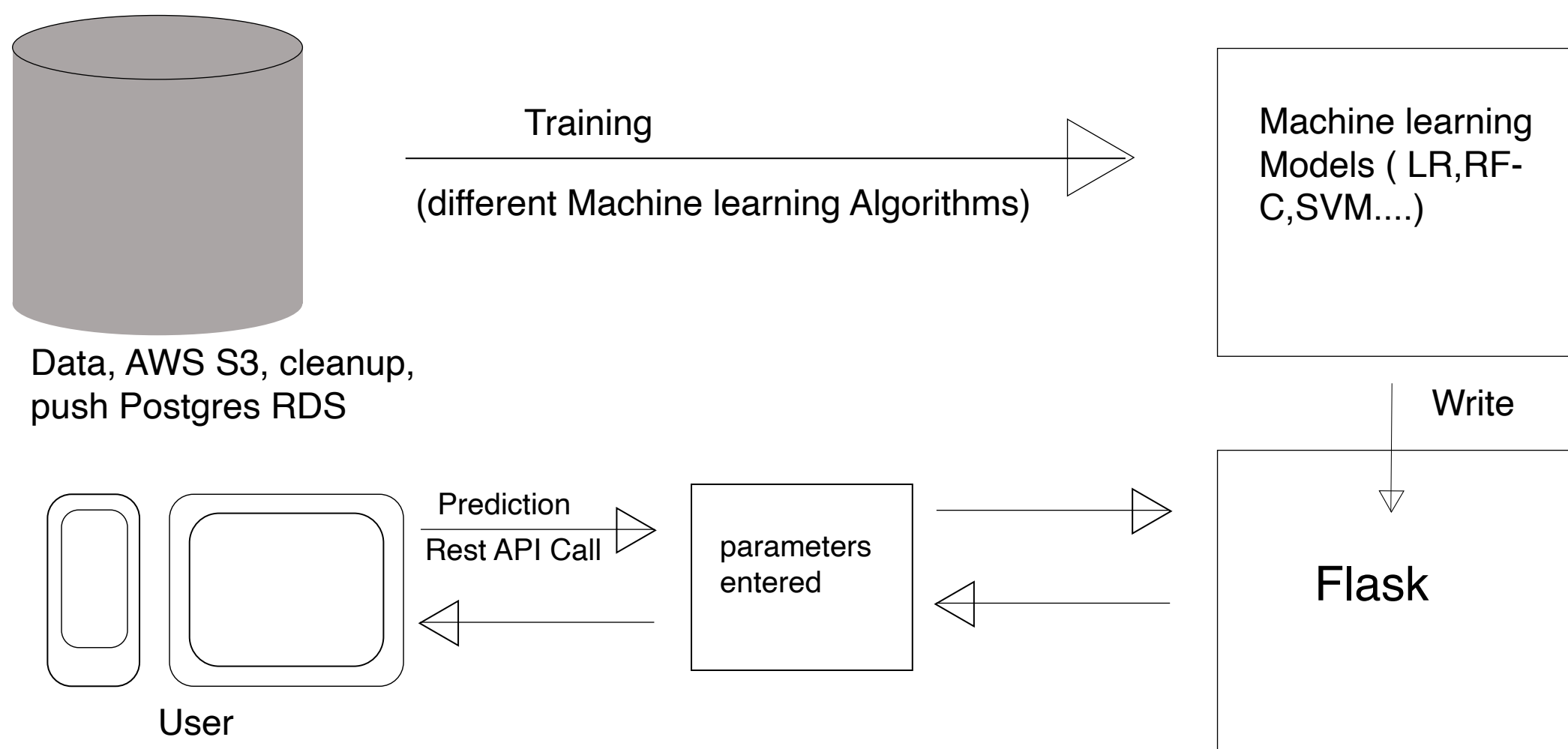# Project Structure
This Project has Four main Parts:

model.py — This contains code for the machine learning models to predict the COVID-19 test based on blood test results.

app.py — This contains Flask APIs that receives bloot test data through GUI or API calls, computes the predicted value based on a particular selected (Ex LR,RFC..) model and returns it.

request.py — This requests module to call APIs defined in app.py and displays the predicted returned value based on a particular model selected by the user

HTML/CSS/js/Bootstrap— This contains the HTML template and CSS styling to allow user to enter blood test data and displays the predicted covid19 result

Training

(different Machine learning Algorithms)

Machine learning Models (LR,RFC,SVM....)

Data, AWS S3, cleanup, push Postgres RDS

Write

Prediction
Rest API Call

parameters entered

Flask

User

Pipeline for deployment of a Machine Learning model