

A simple API to build predictions across an XGBoost model.

Tomás García.

Agenda

- Explaining the PoC
- Improving the PoC to use in a Big Data project

Explaining the PoC

- model_api
- tba_database
- database_api
- NoteBooks

model_api

- FastApi
- Security
- Predictions
- Training

tba_database

- Sincrona communication
- PostgreSQL
- AWS Aurora

database_api

- FastApi
- Security
- Load Predictions

NoteBooks

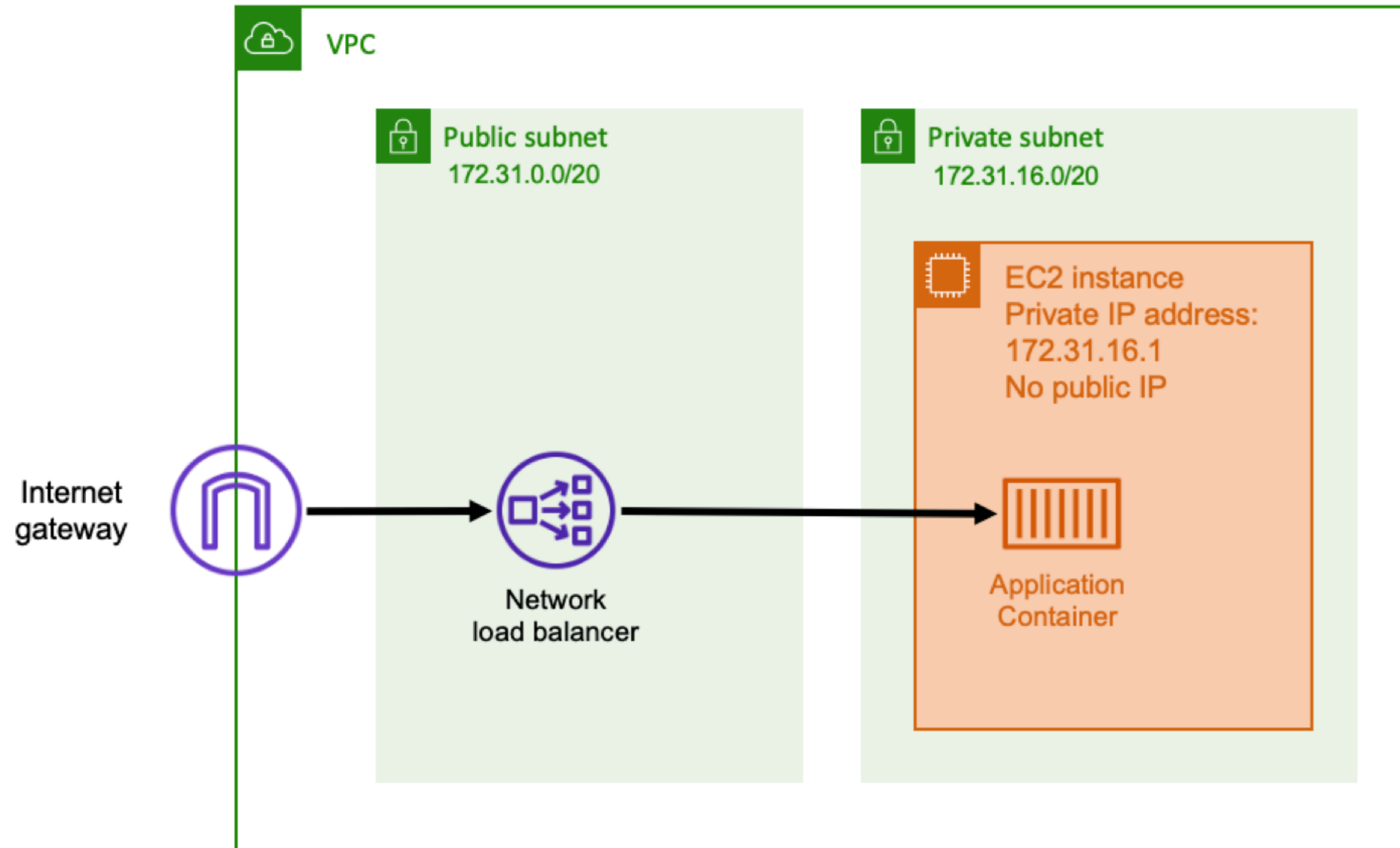
- 01. Train Model.ipynb
- 02. Get Predictions.ipynb
- 03. Last Predictions.ipynb

Improving

- model_api

model_api

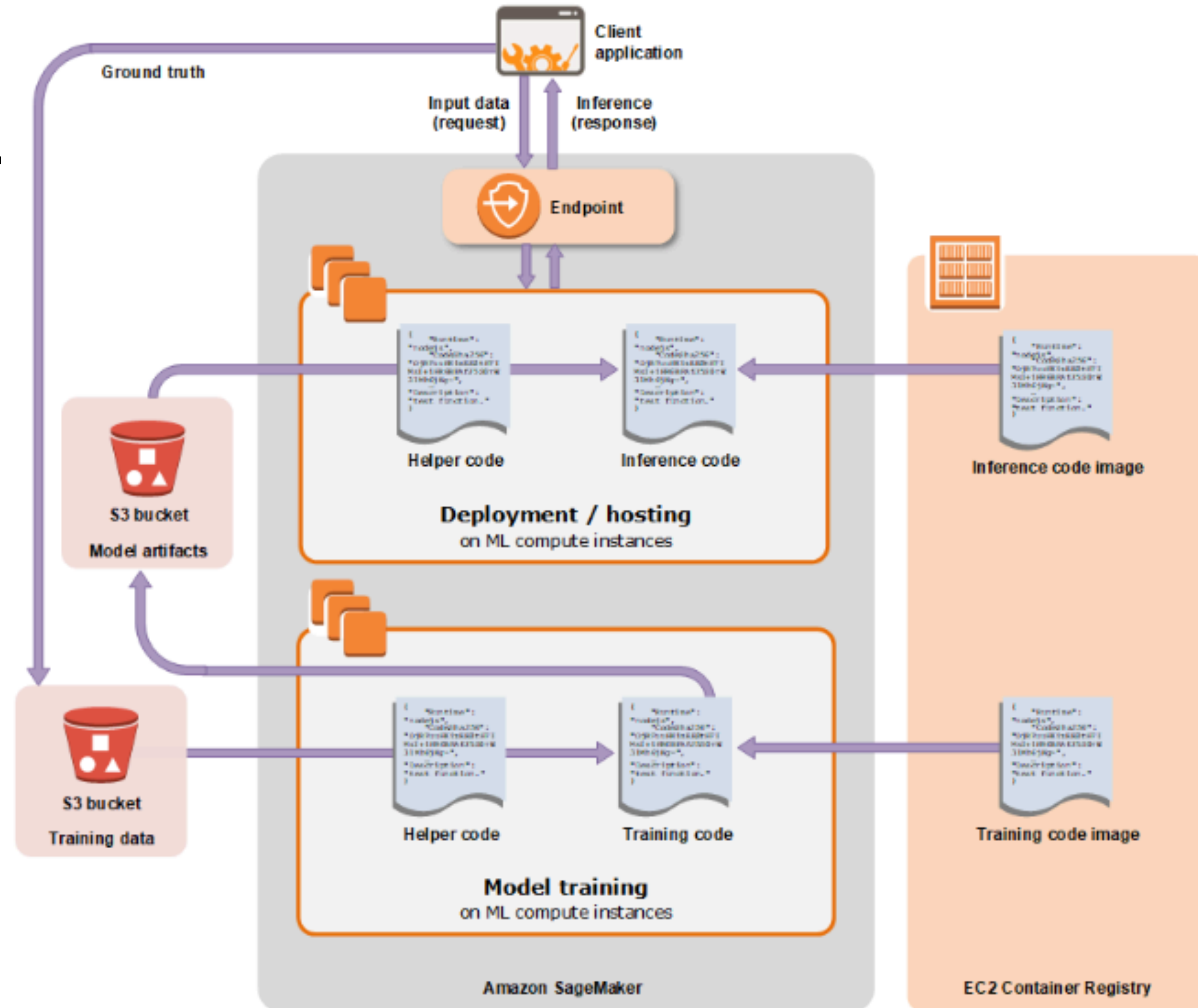
Network Load Balance



model_api

AWS Sagemaker

Architecture of AWS Sagemaker



Questions?

Thank you.

tgarsa@me.com