



# API

▼ Difficulty	
☰ Skills	

So, you built a ML model training pipeline in the previous assignment. Fantastic! 🙌

## Task

Now, in order to productionize a ML model or the whole pipeline, its common to build a REST API and deploy the model on a remote server for inference.

Some common frameworks used are:

1. [Flask](#)
2. [FastAPI](#)
3. [Django](#)

^ Choose any of the frameworks above to build a REST API server locally.

## Expectation1:

1. Accept a HTTP POST request containing the features as input and return the prediction.

e.g. request → `{"data": {"feature_1": 32.3, "feature_2": "Teacher", .....}}`  
response → `{"prediction": 0.232}`

2. Set up basic-auth (username/password) on the endpoint
3. Write tests

## Expectation2:

1. Store the predictions as they come in a Postgres table

Please be ready to test this API locally during the technical interview.

***[Make sure to send us a link of this GitHub repo before the interview]***