

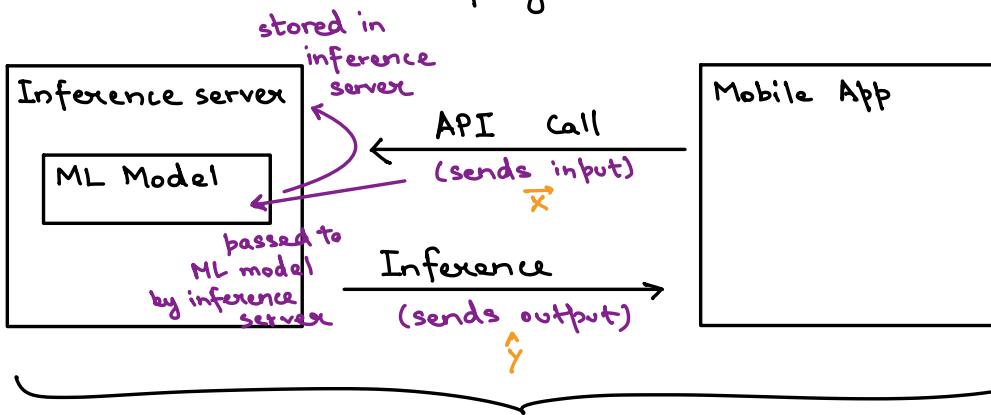
1. Scope Project :- Decide what to work on. It could be speech recognition, digit recognizing, etc.

2. Collect data :- Decide what kind of data do you need

3. Train model :- Improve the model using gradient descent. Do error analysis and iterative improvement. If high variance occurs then go back to step one i.e. collect data or try different methods.

4. Deploy in production :- Basically make it available for users to use. We also need to monitor the performance of the system and maintain it. If this doesn't work, go back to step 3 to train your model or go back to step 2 to get more data.

Deployment



Needs some software engineering

Software engineering may be needed for:

Ensure reliable and efficient predictions

Scaling

Logging

System monitoring

called MLOps,
Machine Learning operations