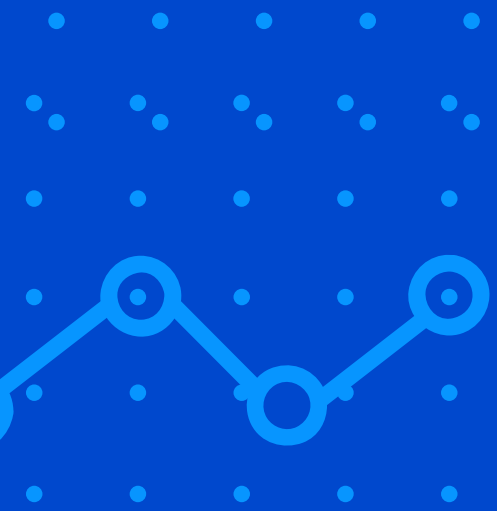
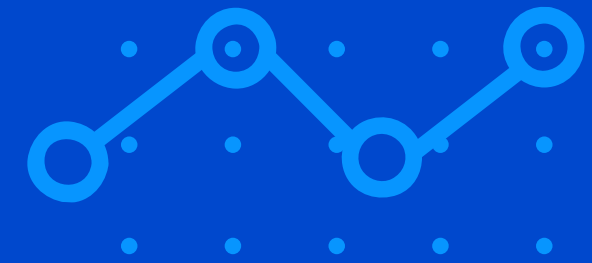
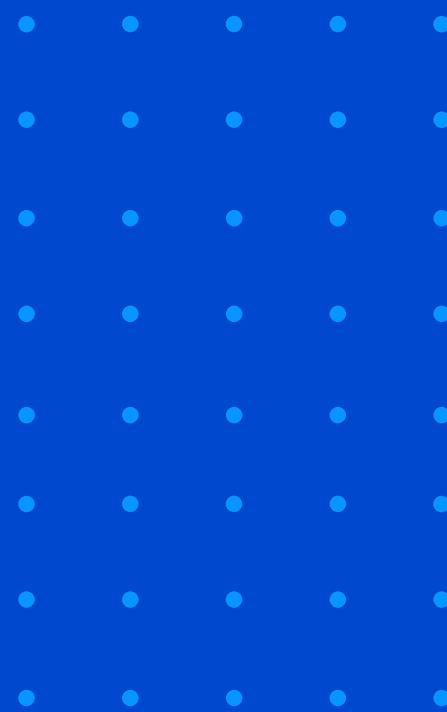
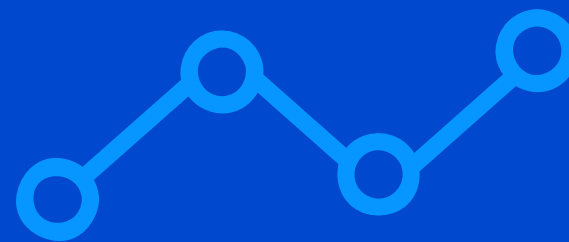


# FastAPI

Introduction



# What is FastAPI ?

A Python framework to build APIs.

It is fast as it supports async programming.

It was launched in 2018, hence relatively new.

You need to use Python 3.6 and above to use Fast API.



# Performance

You can say that it is a speed oriented framework, performance is priority.

Its speed is on par with NodeJS and GO.

It is a lot more performant as compared to DjangoRestFramework and Flask.



# Flexibility

It is also more flexible as compare to DRF, as in DRF things need to be done in a certain way.

Fast API on the other hand is flexible, it does not restrict user to a particular code layout.



# Other Features

Validates developers data type even in a deeply nested JSON requests.

While creating a schema for your API, you can also define the data types of every field.

Can build GraphQL API.

Built on standards like JSON, OAuth and Open API



# Faster to code and intuitive.

Much faster to build/develop an API as compared to other frameworks.

Intuitive as it has a great editor support.

Provides editor support for VS code as well as PyCharm.



# Production ready

Can be used to create production ready APIs which could be deployed instantly.

Provides interactive, automatic documentation.

