

Q) Steps to deploy API on AWS?

→ (1) choose service to host your API :-

• There are two common service are available in AWS to host our API :-

~~best~~ ~~not~~

(1) AWS Lambda + API Gateway → (i) used in case of serverless service

(2) EC2 (Elastic compute cloud)

→ (i) used in case to handle big server

* We select 1st one AWS Lambda + API Gateway to host our API to avoid ~~some~~ server handling problem.

(2) (i) Write your API Code

choose the python language to write our code and save file as "lambda_function.py"

(ii) Be output of this code as in json format

(3) Deploy file on AWS lambda:-

- (i) Go to AWS console select AWS lambda option
- (ii) click "Create function" → choose "Author from scratch".
- (iii) Name your function and choose "python" as runtime.
- (iv) Upload your lambda python function.py
- (v) ~~Deploy~~ on click on "Deploy"

(4) ~~Create API~~ Create API with API Gateway:-

- (i) Go to AWS console then select "AWS API Gateway".
- (ii) click "Create API" → choose "HTTP API".
- (iii) connect it with your "AWS Lambda fn".
- (iv) Deploy your API and copy ~~invoke~~ "Invoke URL".

* And you can access your API from anywhere using this "URL".