Flight Ticketing predictor (Makemytrip SaaS Model)

**Project Deployment:**

**Introduction:**

This project is to deploy an application which is a flight ticket analyzer model, Additional operation functional tool where we can use software as service.

Deployment strategy:

| S.No | Project code language | Type of software | No of users to handle |
| --- | --- | --- | --- |
| 1 | Python | MMT Software as service | 10000/10 min |

**Description:**

Deploy the project in to different modules and test the project whether it is working fine or not. Below are the steps to handle the project, Before you deploy project in any environment make sure you are deploying in local and test it first.

* Design a deploy plan and think why u want to deploy in that environment
* Prepare a deployment plan once you verify the budget plan
* Deploy in development environment and test the software with JMETER and prepare a report for the testing.
* Come to a conclusion on which software you want to use for this deployment and then proceed with finalized deployment plan.

**Process to run software:**

* Install python 3.8 and above
* Install pip
* Proceed with command “pip install –r requirements.txt”
* Check proper file system in to your predictive work
* Proceed with command “python app.py”

**Budget Table:**

| S.No | Environment and usage of people | Budget in $ and time period |
| --- | --- | --- |
| 1 | AWS - 1000 | 200$ - 3 month |
| 2 | AWS-10000 | 1000$- 3 month |
| 3 | AWS – 100000 & Above | 5000$ max – 3 month |

The above table mentioning the company budget and the deployment budget where you need to set a limit of budget before starting deployment plan.

**Tabular Deployment strategy preparation** ( Need to be fill by the DevOps Engineer):

| S.No | Service Name | Deployed Date | Status | Comment |
| --- | --- | --- | --- | --- |
| 1 | EBS | 31-01-2023 |  | 1.  2. |
| 2 | lambda |  |  |  |

**Observations for every deployment and its strategy:**

(Need to be write by devops engineer)=> write your approach in description and apply.

**Budget Table while deploying :** (Need to fill by devops engineer)

| Sno | Service name | Estimated budget | Estimated time |
| --- | --- | --- | --- |
| 1 | lambda | 11 | 2 |
| 2 | ebs | 9 | 1 da |
|  |  |  |  |

**Conclusive comments:** (Need to fill by devops engineer)