

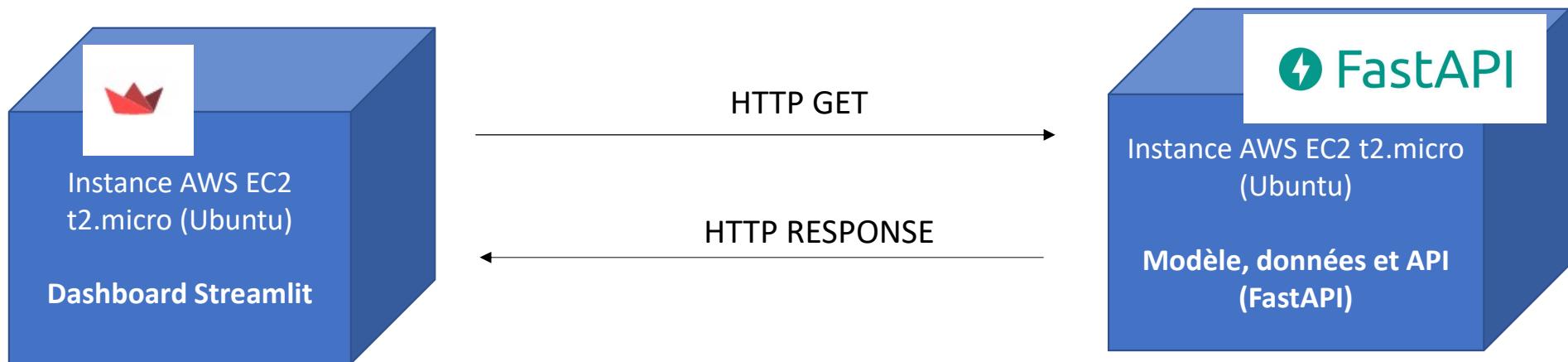
L'application déployée sera présentée pendant la soutenance.

Dashboard
streamlit et API
FastAPI



Architecture de déploiement

Streamlit et FastAPI



<http://13.39.10.188:8501/>

<http://15.236.4.1/>

Instances (2) Informations							
<input type="checkbox"/>	Name	ID d'instance	État de l'insta...	Type d'insta...	Contrôle des st...	Statut d'alar...	Zone de disp...
<input type="checkbox"/> Rechercher instance par attribut ou identification (case-sensitive)							
<input type="checkbox"/>	api_prediction	i-036bc086ffd640775	En cours d'exécution	t2.micro	-	Aucune alarme	eu-west-3c
<input type="checkbox"/>	dashboard	i-085fbb3f653163059	En cours d'exécution	t2.micro	-	Aucune alarme	eu-west-3c

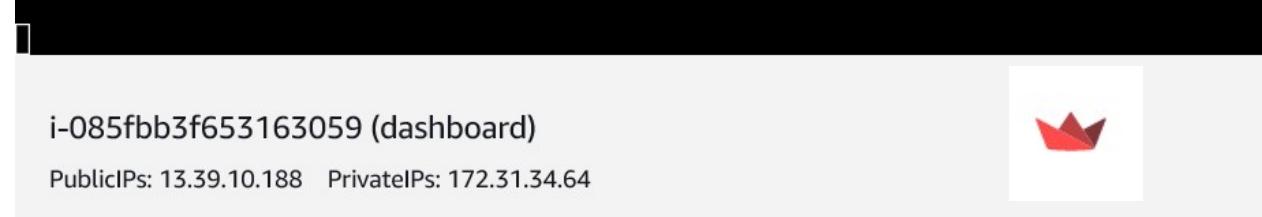
```
Last login: Sat Dec 17 18:51:07 2022 from 35.180.112.83
ubuntu@ip-172-31-34-64:~$ cd frontend/
ubuntu@ip-172-31-34-64:~/frontend$ streamlit run dashboard.py

Collecting usage statistics. To deactivate, set browser.gatherUsageStats to False.

You can now view your Streamlit app in your browser.

Network URL: http://172.31.34.64:8501
External URL: http://13.39.10.188:8501
```

Lancement du dashboard Streamlit



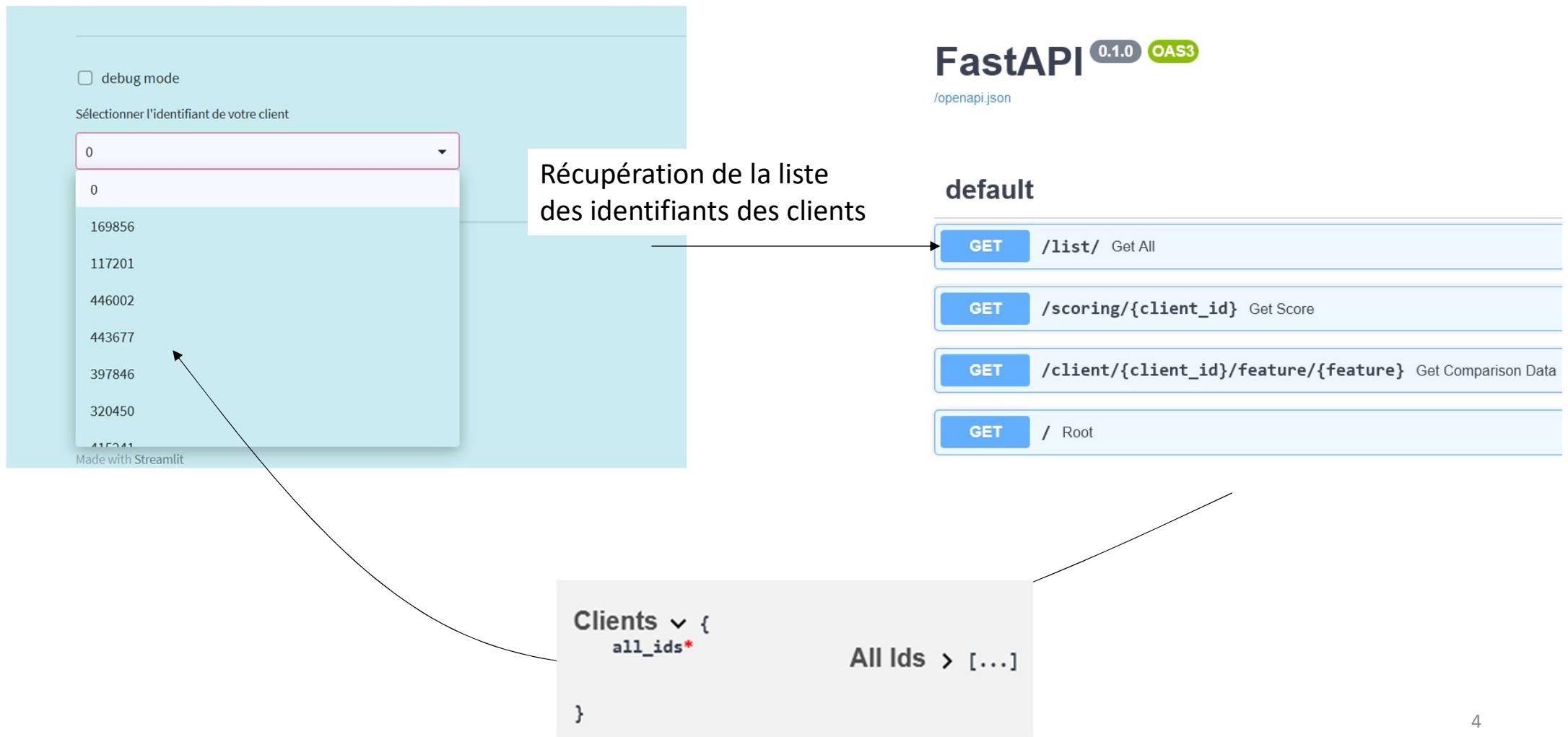
```
Last login: Sat Dec 17 18:14:24 2022 from 35.180.112.84
ubuntu@ip-172-31-39-188:~$ cd backend
ubuntu@ip-172-31-39-188:~/backend$ unicorn main:app --reload
INFO:     Will watch for changes in these directories: ['/home/ubuntu/backend']
INFO:     Uvicorn running on http://127.0.0.1:8000 (Press CTRL+C to quit)
INFO:     Started reloader process [1289] using statReload
INFO:     Started server process [1291]
INFO:     Waiting for application startup.
INFO:     Application startup complete.
```

Lancement du serveur unicorn pour fastAPI

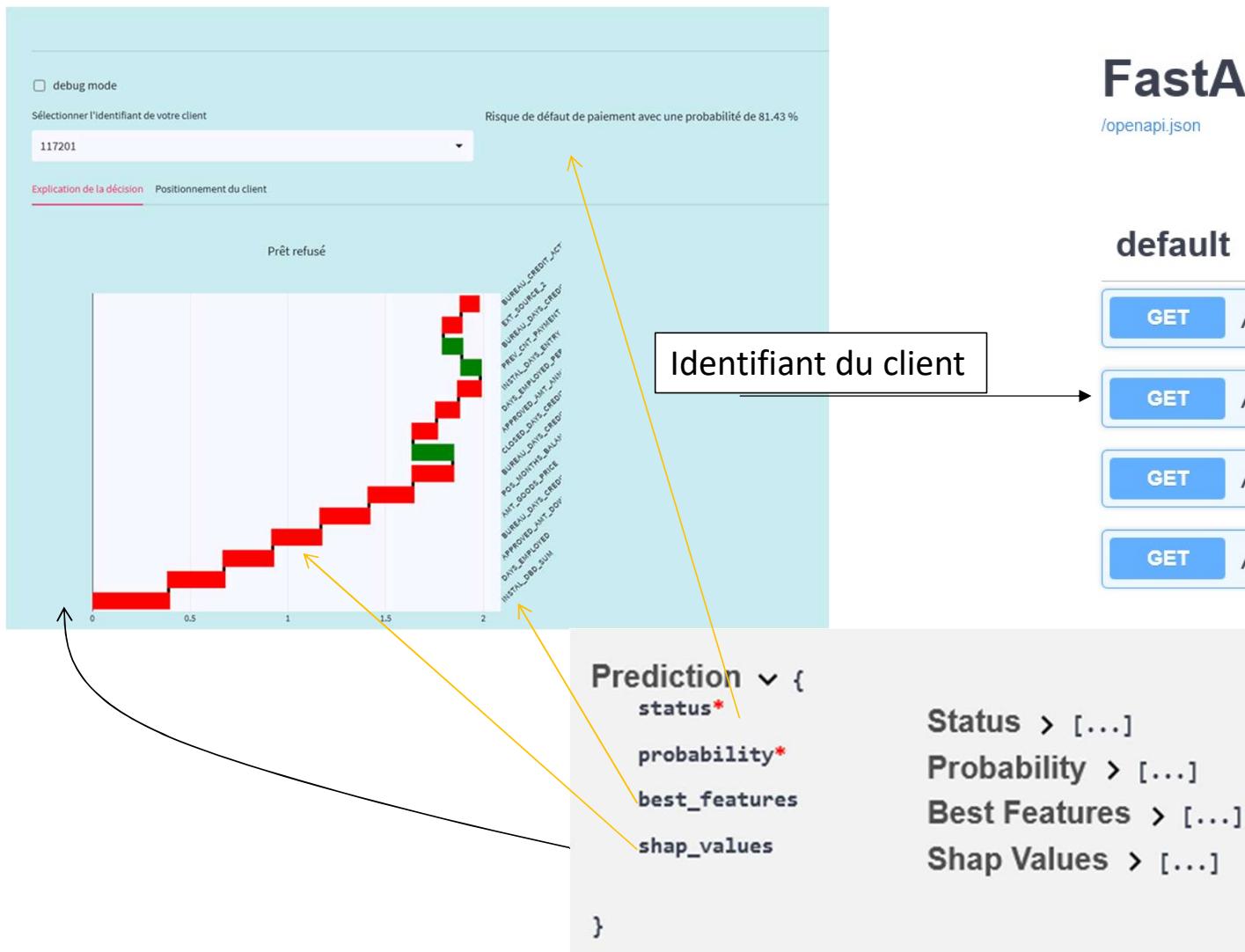
```
i-036bc086ffd640775 (api_prediction)
PublicIPs: 15.236.4.1 PrivateIPs: 172.31.39.188
```



Connexion au dashboard



Sélection d'un client



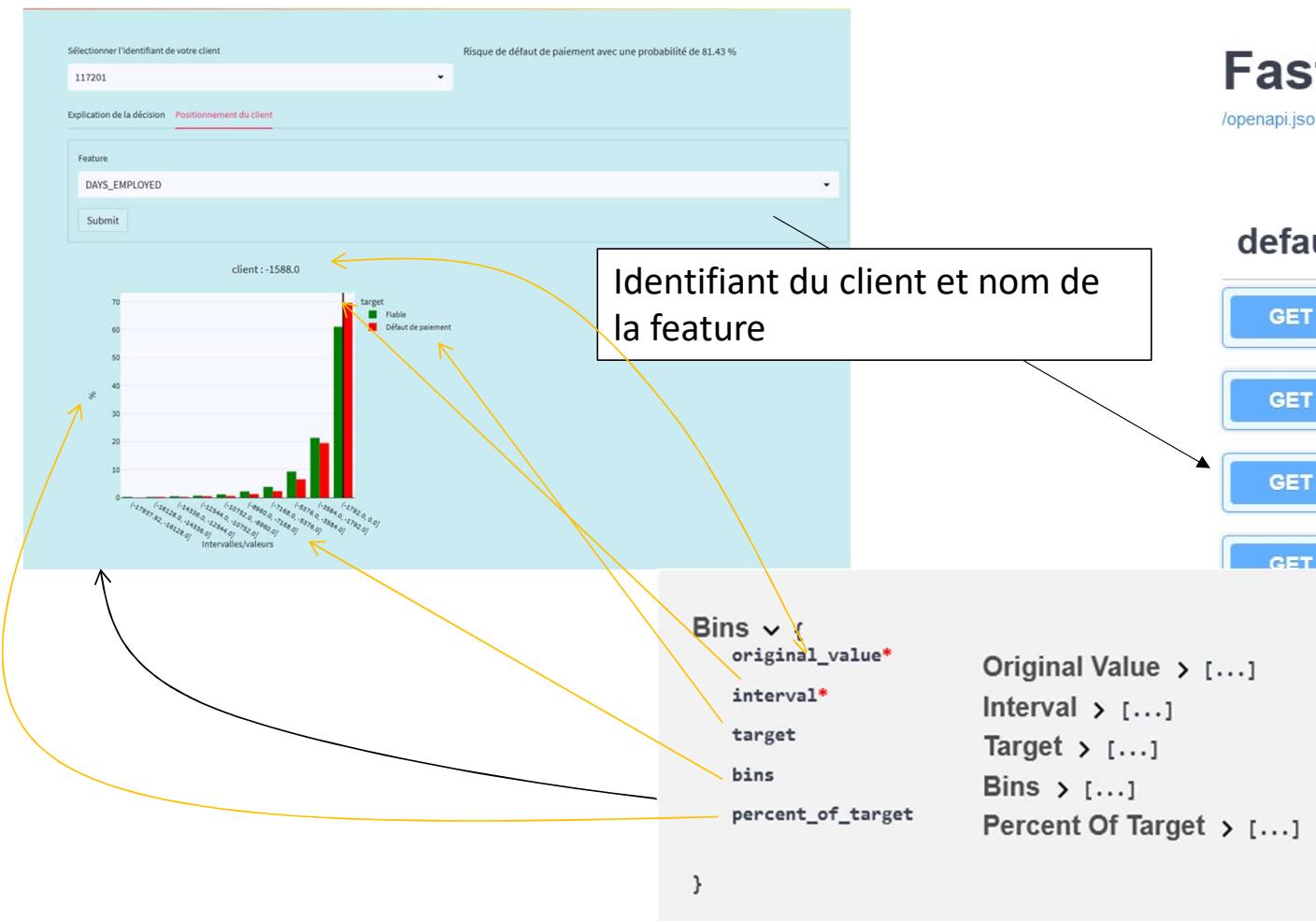
FastAPI 0.1.0 OAS3

/openapi.json

default

- GET /list/ Get All
- GET /scoring/{client_id} Get Score
- GET /client/{client_id}/feature/{feature} Get Comparison Data
- GET / Root

Positionnement du client parmi les autres clients pour une feature donnée, avec détails sur les décisions



FastAPI 0.1.0 OAS3

/openapi.json

default

GET /list/ Get All

GET /scoring/{client_id} Get Score

GET /client/{client_id}/feature/{feature} Get Comparison Data

GET / Root