


Project Development Phase
Model Performance Test

Date	18 – 09 - 2022
Team ID	PNT2022TMID21545
Project Name	Analytics for hospital healthcare data
Maximum Marks	10 Marks


Model Performance Testing:

Project team shall fill the following information in the model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Metrics	Regression Model: Random Forest Accuracy: 85.12%	 <pre>from sklearn.ensemble import RandomForestClassifier from sklearn.metrics import accuracy_score rfc = RandomForestClassifier(n_estimators=150) rfc.fit(x, y) y_test_preds = rfc.predict(test_data[features]) accuracy = accuracy_score(y_test_preds, test_data["Stay"]) accuracy</pre> <p>0.8512443727792886</p>

Statistics Charts Failures Exceptions Download Data											
Type	Name	# Requests	# Fails	Median (ms)	90%ile (ms)	Average (ms)	Min (ms)	Max (ms)	Average size (bytes)	Current RPS	Current Failures/s
GET	/	17	0	36	330	85	28	336	1256	0.5	0
POST	/?status=success	17	0	120	290	143	73	410	1256	0.4	0
Aggregated		34	0	110	290	114	28	410	1256	0.9	0

Number of users: 2

 LOCUST

Start new load test

Number of total users to simulate

Spawn rate (users spawned/second)

Host (e.g. http://www.example.com)

[Start swarming](#)

Type	Name	# Requests	# Fails	Median (ms)	90%ile (ms)	Average (ms)	Min (ms)	Max (ms)	Average size (bytes)	Current RPS	Current Failures/s
GET	Homepage	17	0	140	530	218	134	535	1155	0.1	0
GET	Homepage - Search	15	0	150	300	192	138	316	5119	0.1	0
GET	Classification	15	0	150	270	175	139	280	4108	0.1	0
POST	Classification data	15	0	290	630	399	271	1210	4730	0.1	0
GET	feedback	7	0	140	270	159	137	267	3391	0.1	0
GET	Admin login	2	0	140	140	141	140	141	3387	0	0
GET	Admin homepage	2	0	140	140	140	140	140	3937	0	0
GET	Homepage - visualization	2	0	141	1200	667	141	1192	3653	0.1	0
GET	Insights	2	0	150	320	234	150	318	3393	0	0
GET	Insights - select box	15	0	280	490	345	274	661	4503	0.1	0
Aggregated		92	0	160	420	259	134	1210	3794	0.7	0