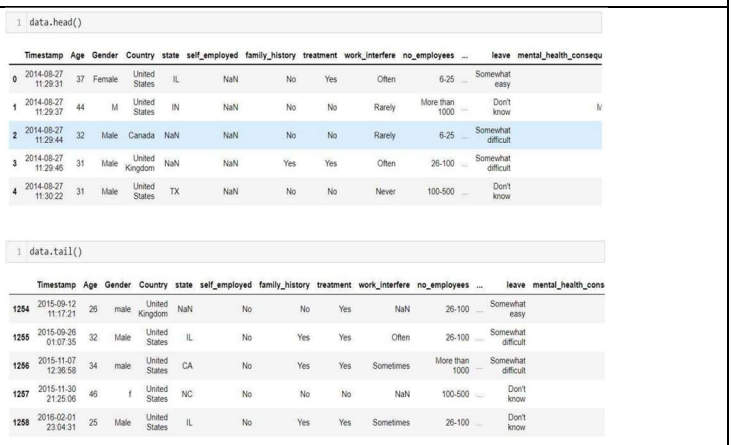
project Development Phase
Model Performance Test

Date	8 November 2023
Team ID	592309
Project Name	Mental Health Prediction Using ML
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information when working for VAPT testing for a target .

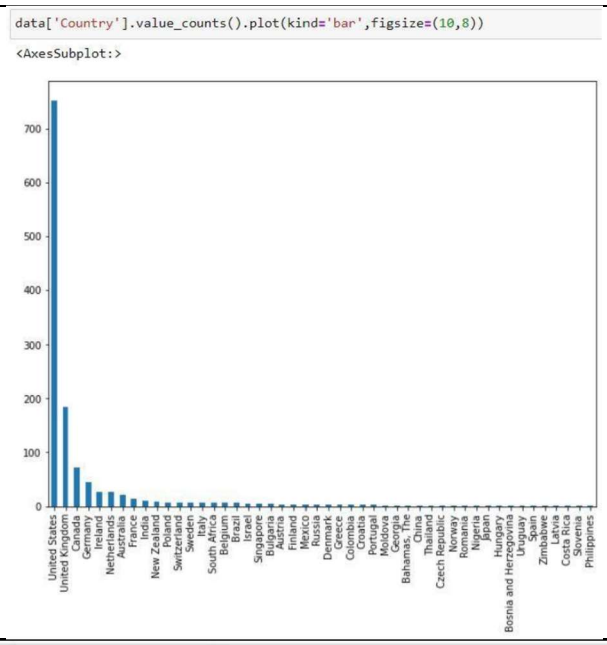
S.No.	Parameter	Values	Screenshot
1.	Information gathering	Footprinting - Link: https://www.kaggle.com/datasets/osmi/mental-health-in-tech-survey Recconicessine- Link: https://www.kaggle.com/datasets/osmi/mental-health-in-tech-survey	

```
data.head()
```

	Timestamp	Age	Gender	Country	state	self_employed	family_history	treatment	work_interfere	no_employees	...	leave	mental_health_consequ
0	2014-08-27 11:29:31	37	Female	United States	IL	NaN	No	Yes	Often	6-25	...	Somewhat easy	
1	2014-08-27 11:29:37	44	M	United States	IN	NaN	No	No	Rarely	More than 1000	...	Don't know	N
2	2014-08-27 11:29:44	32	Male	Canada	NaN	NaN	No	No	Rarely	6-25	...	Somewhat difficult	
3	2014-08-27 11:29:46	31	Male	United Kingdom	NaN	NaN	Yes	Yes	Often	26-100	...	Somewhat difficult	
4	2014-08-27 11:30:22	31	Male	United States	TX	NaN	No	No	Never	100-500	...	Don't know	

```
data.tail()
```

	Timestamp	Age	Gender	Country	state	self_employed	family_history	treatment	work_interfere	no_employees	...	leave	mental_health_cons
1254	2015-09-12 11:17:21	26	male	United Kingdom	NaN	No	No	Yes	NaN	26-100	...	Somewhat easy	
1255	2015-09-26 01:07:35	32	Male	United States	IL	No	Yes	Yes	Often	26-100	...	Somewhat difficult	
1256	2015-11-07 12:36:58	34	male	United States	CA	No	Yes	Yes	Sometimes	More than 1000	...	Somewhat difficult	
1257	2015-11-30 21:25:06	46	f	United States	NC	No	No	No	NaN	100-500	...	Don't know	
1258	2016-02-01 23:04:31	25	Male	United States	IL	No	Yes	Yes	Sometimes	26-100	...	Don't know	

2.	Scanning the target	Scanning info - Removing unnecessary columns, Handling Null values and dealing with wrongly entered data Risk factors – data set has null values or the data entered is wrong	
3	Maintaining access - Automation (AI implementation)	AI tools used - AdaBoost Automation implemented -