

Leaderboard Submission Guidelines

The Leaderboard is an open avenue to test out various models that you may build and also to compare as to how well you are faring against competition.

Teams can upload their estimates for Leaderboard_Dataset.xlsx (Data on the city of Kalder) to the Leader board using the “Submit your Solution” Tab in the Analyze This Webpage and you will be instantly evaluated and given a score based on your submission.

The score based of your best submission thus far will be used to give you a rank which will help you figure out how well other teams are faring.

Important points to note:

1. Number of **submissions** per team per day is **restricted to 10**
2. Submission needs to be made in a **.CSV format**. Any other format would not be accepted.
3. **Submission with any incorrect IDs or blank IDs or prediction with any other value apart from 0, 1 or 2 would not be accepted**

Further details on CSV format upload are given below.

Final Submission Guidelines

There is only one submission allowed for the Final dataset, so please be sure of your solution before you submit them. You would need to submit 2 things for the final submission:

1. Solution for the Final_Dataset.xlsx(Data on the city of Sevestra).
2. Solution in the form of Power Point Presentation. Format for the same is available at end of this page.

Leaderboard and Final dataset solution CSV Format

Please follow these steps for both the leader board submissions and the final submissions.

1. In the first column insert all Criminal IDs in **ascending order**. LABEL THE COLUMN AS “ID”
2. In the second column insert the prediction for each Criminal ID. **LABEL THE COLUMN AS “VALUE”**.
3. Possible values of prediction are:
 - a. 0 = criminal not chosen for crime
 - b. 1 = criminal chosen for a crime
 - c. 2 = Potential spy chosen for a crime
4. Name the file as <Team Name>_<Campus Name>_<Attempt number>.csv. e.g. A team with name “Champions” from IIT Delhi with attempt number 7 will name the file as Champions_IITDelhi_7.csv
5. Save the file in a **.csv** format. **NO OTHER FORMAT IS PERMITTED.**
6. Go to **Submit your Solution** tab. Follow the instructions to upload your .csv file.

A sample solution .csv file is available at the end of this document.

Converting an Excel file to a .csv file: <http://office.microsoft.com/en-in/excel-help/import-or-export-text-txt-or-csv-files-HP010099725.aspx#BMexport>

Final Presentation Format

The solution logic has to be submitted only for the final dataset responses.

1. You have to submit your solution in the form of Power Point Presentation, which you can download at the end of this document
2. You will name the presentation in the form of <Team Name>_<Campus>.pptx. Eg. Your team name is Angels and you are from IIT Delhi, so the name of your PPT would be Angels_IITDelhi.pptx.
3. After downloading the presentation from the webpage, you will have to fill all its pages and then upload it on the **Submit your solution** tab.

Evaluation Criteria

Leader board Submission

The dataset for Leader board evaluation would be evaluated on the basis of the estimation that the you provide. The score is calculated as:

Actual Value	Score if Estimated value = Actual value	Score if Estimated value not = Actual value
0	0	-50
1	100	-50
2	200	-50

Final Submission

Evaluation of the final submission would be done on the following parameters:

1. 20% weight for highest score achieved on LeaderBoard submission
2. 60% weight for score achieved on Final Dataset
3. 10% weight for Final equation used to arrive at solution and variables chosen
4. 10% weight for the technique(s) chosen and the associated reasons for the same

A panel of senior American Express Leaders would be the judging for the competition. Their decision on all matters would be final and binding.

Sample of score evaluation logic

Criminal ID	Actual	Predicted	Score
523527	0	0	0
138328	1	0	-50
225726	0	1	-50
527627	0	1	-50
278781	1	1	100
980943	0	1	-50
328502	1	1	100
472920	2	2	200
250257	0	0	0
257109	1	0	-50
TOTAL SCORE			150

So the score you would get is 150. Higher the score, higher the rank you will get.

If you have any questions regarding the evaluation format/submission guideline, it must be sent to the American Express Campus Centurion Team at campus.centurion@aexp.com , mentioning “AXP Analyze This Submissions: Query” in the subject line. We will be happy to reply to all your queries/questions.