

Task Description

You can find 3 csv files containing the results (scores) of 3 different pairs of teams. One team within the pair always plays at home, while the other team always plays away.

Columns:

- Event_id - ID of sport event (unique per file, not unique across 3 files)
- Home_score - number of goals by home team
- Away_score - number of goals by away team

Tasks:

- Analyse the data
- Suggest and develop maths models (or models) using python to predict the probabilities of different scores based on statistics (averages, standard deviation etc). The model itself must be either function or class,
- Use the model to predict probabilities for different scores (0:0, 1:0, 0:1 etc)

Expected results:

- model.py - file containing the code of model
- scores.csv - file containing the probabilities of scores
- report.pdf - data analysis and notes

Example of score.csv

	<u>away</u>				
<u>home</u>	0	1	2	3	...
0	0.1	..	..	..
1	0.3	..	..	..
2	0.05	..	..	..
3	..	..	..	..	..
...					