

WEEK- 2: Random Variable, PDF, CDF

Task 1: Going through the basic theory.

For those who are unfamiliar with basic statistical analysis, here is a short tutorial to get you going through the basics.

Kaggle Link - <https://www.kaggle.com/code/adnanzaidi/statistics-tutorial>
(up to “Bias, MSE and SE” section).

Task 2: Case Study of Random Walkers.

In this task, you are required to go through the following pdf and understand the concepts behind a random walk (focus mainly on 1-Dimensional walk). Since this topic in itself is quite vast. If u are interested you are welcome to explore further.

Random Walk -

<https://drive.google.com/file/d/1SnWtbTstBAEx7pF1jJ4jhKOXmG9TZOpS/view?usp=sharing>

Wikipedia link (Additional material not compulsory)

https://en.wikipedia.org/wiki/Random_walk