

BAS 209: PROBABILITY AND STATISTICS ASSIGNMENT

Each group is allocated a specific dataset that you can access on the google drive here ([https://datasets-for-assignment](#)), the datasets are named according to your group name.

From the provided dataset, we intend to analyze and find insights based on the data. Carry out the following steps to get the insights. You are encouraged to take any other steps on the data that help give more insights into the data.

1. Clean the dataset (i.e, handle missing data).
2. Make data into a table.
3. Conduct Statistical Analysis
 - Get descriptive statistics
 - Fit a statistical distribution, e.g, normal distribution, Binomial etc.
 - Correlation, i.e, explore the relationship between columns.
4. Visualisation, e.g, Excel charts like histograms, etc.
5. Interpretation
 - Explain the results found.
 - Discuss any limitations of the data or methods used to analyse it. Provide recommendations or insights based on the analysis done.

Submission instructions,

- Prepare a short PowerPoint presentation to share your results with the class. Explain clearly steps taken in cleaning the data and all steps taken to analyse the data.
- Prepare a detailed typed report of how you did the above outlined steps, from data cleaning to interpretation.
- Submit the clean dataset, powerpoint slides and report on the e-learning platform when submission opens, only one submission per group.
- ND: Distance students choose any datasets and do the assignment individually.

End of Assignment

“The man who does not read books has no advantage over the one who cannot read them.”