* Understood the data and cleaning data

1. Input the dataset
2. Understand the raw dataset

* Show all column of the dataset to start understanding the data
* Length of each unique value for each column

1. Drop the data we do not need

* drop the line items that has empty value
* drop the employment type that is not FT
* drop the salary currency that is not USD

1. Make a sorted and organized data frame

* Reorganize the sequence of the columns
* Sort based off salary ascending
* Relationships and regressions with charts

1. Job title impact on salaries

* Group the data based of each job title
* Calculate the mean median and mode for each job title
* Bar chart to show the information of statistical summary
* Plot box chart to show quartiles etc.
* Decide the trend based of job title and make conclusion

1. Work year impact on salaries

* Scatter plot the salaries for each job title between2020-2023
* Linear regression show the trend of salaries between 2020-2023
* Calculated expected salaries in year 2024
* Conclusion of if there is a trend for salaries and which job title was impacted the most

1. Level of experience impact on salaries

* Group the data based of each experience level
* Calculate the mean median and mode for each experience level
* Bar chart to show the information of statistical summary
* Plot box chart to show quartiles etc.
* Decide the trend based of experience and make conclusion

1. Remote impact on salaries

* Group the data based of remote or not
* Test if there is significant impact on salaries if work remotely