Term End Project Task-2

Story Telling with Data

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[DSC640-T301 Data Presentation & Visualization (2223-1)](https://cyberactive.bellevue.edu/webapps/blackboard/execute/courseMain?course_id=_506364_1)

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Summary of PPT -1

**Used Visualization in PPT & Reason Behind The Usage**:

* Slide 2 - Executive Summary- Initial Set-Up
  + - Posted Dashboard picture to give an overall idea to executive what this slide contains
* Slide 3 - Chart Showing Total Airline Fatality Per Year During Last Decade
  + - Here I have used a bar chart to show the continuous yearly airline fatal data for the last decade
* Slide 4 - Chart Showing decreasing Airline Fatality Counts per Million Flights during last Decade
  + - Here I have used a line chart to clearly show the downward trend in Airline fatality for the last decade
* Slide 5: Chart Showing Total Road Fatality in All States – 2019
  + - Here I have used a waterfall chart to show the total counts of Road fatalities in all states in the USA for the year 2019
* Slide 6: Chart Showing Delta Airline Vs other Airlines decade long revenue
  + - I have assumed, we have executives from Delta Airline and they are want to compare Delta revenue with others,
    - also want to show how delta is performing concerning market conditions.
    - Here I have used a multi-line chart and highlighted only the revenue line for delta airline
* Slide 7: Post Covid Revenue
  + - Here I have used a line chart to showcase the forecasted revenue
* Slide 8: Costing Pressure
  + - Here I have used TreeMap Chart to showcase multiple components and their percentage contribution on 2021- Q3 operational cost
* Slide 9: Recommendation
  + - Here I have pasted all four main chars together, to showcase the power of repetition to executives for decision making

**What is your plan to present to the executive committee?**

My presentation is going to focus on the below Points for the executive committee

* Media Coverage related to Airline Fatalities & recommendations
* Airline Revenue (Precovid, Covid & Post Covid ) & recommendations
* Current Operational Cost and recommendations
* Consolidated Recommendations
* Legal & ethical disclaimers

**What were your overall findings?**

* The airline reported Fatality (worldwide) was way less & not comparable than the total ground fatality reported alone in the USA
* Management needs to focus on controlling Operation costs by promoting more automation in operations
* Management Need to plan for upsizing the fleet capacity for 2022-2023

**What ethical considerations came up when presenting to this audience or while you were doing your research?**

* During our Analysis, we haven’t used any PII data
* All Data Sets are extracted from Public Websites.
* Used Datasets have no restrictions for Academic usage
* All used Datasets are Shared by respective government bodies for public benefits
* We have listed the data source details with respectively associated graphs in each slide