

SCHOOL OF ENGINEERING

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| Data Analytics Foundation – EN6001 |
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PROJECT REPORT

# Business Analytics Dashboard

# Group 2: Adventure Works (Paper 2)

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Bachelor of Technology

(2021-2022)

# Project Title: Business Analytics Dashboard - Adventure Works

* **Subtitle** :  Analyzing various data using advanced statistical tools to make key decisions on Adventure works
* **Date :** February 5, 2022
* **Portfolio Link :**

[**https://drive.google.com/drive/folders/1M7BJHds3aX0jCAE1PTPmQK4NctHc7P3m?usp=sharing**](https://drive.google.com/drive/folders/1M7BJHds3aX0jCAE1PTPmQK4NctHc7P3m?usp=sharing)

* **Type of the Project :** Data Analytics
* **Problem Statement:**

To analyze the provided dataset on Adventures works and generating business dashboards based on the analytical questions provided. Identify key points from data analysis and integrate them with other important information. The dashboard configuration is needed to have all drill through options with complete navigation. Many data-driven decisions are made based on the solution concluded on the dashboards.

* **The Solution Highlight:**

Business requirements are analyzed using different visual representations made with the Tableau tool including various types of graphs and maps. The data set includes different dimensions and measure values which are consolidated in the form of interactive dashboards for representing the trends and patterns in the data. The visualization process includes the creation of calculated fields, parameters, sets filters, window functions, table calculation, and actions applied on the worksheets. The message implicated from the graphs will help the country in making data-driven decisions which would help in solving real-world challenges that may arise in the business.