



PROJECT REPORT

DATA ANALYTICS  
  
STUDENT DATA ANALYSIS

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# **PROJECT DETAILS**

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| **Project Name** | **Student Data Analysis** | | |
| **Project Sponsor** | **Tushar Topale** | | |
| **Project Manager** | **Harshada Topale** | | |
| **Start Date** | **31-07-2023** | **30-09-2023** |  |

# **SUMMARY**

A project is a unique endeavour to produce a set of deliverables. This analysis will encompass a comprehensive examination of the following key areas. Academic Performance, Event Participation, Professional Aspirations, Variables Impacting Success. We will explore how the academic backgrounds of our student interns correlate with their performance and achievements. We will investigate the extent to which active involvement in various events and activities affects interns' overall success. Understanding the career aspirations of our student interns is crucial. we aim to identify which aspects have the most significant impact on intern performance and overall satisfaction.

# **INTRODUCTION**

## Background

Millions of students apply for internships/jobs every year, and resumes play an important role in playing the first impression. Our organization has been actively involved in providing students with worthwhile internship opportunities, and we are committed to guaranteeing their development and success throughout their internship. Gaining a greater grasp of the factors that affect their performance and advancement is essential to achieving this. We may improve our efforts to improve their internship experience and subsequent contributions by methodically examining the correlations between their academic accomplishments, event involvement, career objectives, and other relevant characteristics.

## Stakeholders

key stakeholders and users:

KEY STACKHOLDERS: Harshada Topale

END CUSTOMER: Cloud conselage Pvt Ltd

## Objectives

The main purpose of this initiative is to conduct a comprehensive analysis of our student interns, with the goal of gaining valuable insights into the intricate interplay between their academic performance, active participation in events, professional aspirations, and the various factors that contribute to their overall success within our organization.

# **METHODOLOGY**

These standards determine the sequence of line breaks, the number of characters allowed on a line, and everything in between.

## Factors to Consider & Assumptions

- We make the assumption that provided dataset is taken to be accurate and representative of the target audience.

- For our study, we take taken into consideration every column that the dataset presents.

## Approach

1. Data Collection: Gather relevant data on student interns like academic records, event participation, professional aspirations so on.

2. Data Cleaning: We will check the dataset for missing or incorrect data and handle it accordingly.

3. Data Statistics: To answer the stated questions, we will run several calculations and statistical tests.

4. Data Analysis: Utilize analytical approaches to identify relevant patterns, correlations, and trends in the data collected.

5. Data Visualization: Create relevant visualizations, such as scatter plots, heatmaps, and trend graphs, to present the findings in a clear and accessible manner. These visualizations can be helpful in a better understanding of the complicated connections between them.

## Activities

- To gather a data, we will perform market research to identify trends, interest and conduct survey

- To find out and address the given questions, we will use data analytic methodologies.

- For data processing, visualization, and analysis, we'll use the Python programming language as well as relevant libraries like matplotlib, pandas, and seaborn.

- Create and Fill Project Schedule log, RAID logs, SRS Document, Project charter.

# **TARGETTED V/S ACHIEVED OUTPUT**

- The goal is to successfully answer the provided questions as well as deliver useful insights and conclusions based on the study.

- The output will involve conducting in-depth exploratory data analysis using the provided metrics to gain insights into various aspects of student data.

1.Exploratory Data Analysis

2.Metrics Analysis

3.Predictive Analysis

# **CONCLUSION**

The project aims to analyse various aspects of the given dataset and draw conclusions. Our organization's strategic imperative is to conduct a thorough examination of the student interns. We can improve our internship programs to foster an environment that is favourable for growth, learning, and achievement by separating out the intricate web of relationships between academic performance, event participation, professional aspirations, and success variables. This project is in line with our aim to promoting an exciting and satisfying internship experience that ultimately benefits both the interns and our organization.

# **APPENDICES**

## Appendix A – Title

- This appendix will include any additional information, charts, or tables relevant to the project but not included in the main report.

- It may contain more detailed explanations of analysis methodologies or supplementary figures and statistical results.