



PROJECT REPORT

Data Analytics  
  
Comprehensive Analysis of Student Interns' Academic and Career Data

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| **Created On:** | 29-06-2024 | **Approved On:** |  |

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# **PROJECT DETAILS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Name** | Comprehensive Analysis of Student Interns' Academic and Career Data | | |
| **Project Sponsor** | Cloud Counselage | | |
| **Project Manager** | Shivam Rawat | | |
| **Start Date** | 15-06-2024 | **Completion Date** | 30-06-2024 |

# **SUMMARY**

The project aimed to analyse student data and answer specific questions based on the insights gained from the data. It was crucial to understand the relationship between various factors such as economic background, academic performance, competence, and expected salary among students. By delving into this data, we sought to provide valuable insights that could benefit students, educational institutions, and employers in making informed decisions. The long-term benefits of this project include enhancing students' employability, optimizing educational programs, and improving recruitment processes for employers.

# **INTRODUCTION**

## Background

Millions of students apply for internships/jobs every year, with resumes playing an important role in making the first impression. Recruiters spend a maximum of 2–3 minutes reviewing a resume after it lands in their mailbox or Job board, ATS application. Surprisingly, more than 70% of resumes get rejected in the initial screening.

## Stakeholders

Millions of students apply for internships/jobs every year, with resumes playing an important role in making the first impression. Recruiters spend a maximum of 2–3 minutes reviewing a resume after it lands in their mailbox or Job board, ATS application. Surprisingly, more than 70% of resumes get rejected in the initial screening.

## Objectives

The objectives of this project were to conduct a comprehensive analysis of student interns to gain insights into the relationship between their academic performance, event participation, career aspirations, and factors influencing their success. The achieved objectives include collecting and analyzing data on various attributes of each student and deriving meaningful insights.

# **METHODOLOGY**

These conventions are all about the positions of line breaks, how many characters should go on a line, and everything in between.

## Considerations & Assumption

A critical consideration for the success of this data analysis project is the inherent reliance on accurate and complete data, hinging on the assumption that student interns will provide reliable information. Ensuring data integrity and addressing potential reporting biases is paramount, as any inaccuracies or omissions could compromise the validity of the insights gained.

## Approach

The approach involved a detailed analysis of collected data, including data cleaning, exploratory data analysis, hypothesis testing, and data visualization. This structured approach ensured a thorough understanding of the data and the relationships between different variables.

## Activities

Activities included requirement gathering, planning, project documentation, visualization, and demo video creation.

# **TARGETTED V/S ACHIEVED OUTPUT**

The targeted output was to identify patterns and relationships between students' economic background, academic performance, competence, and expected salary. The achieved output included detailed insights and visualizations that highlighted key relationships. Any deviations were primarily due to data limitations.

# **CONCLUSION**

The findings will be useful for educational institutions and career counselors in better understanding the factors influencing student success. Future scope includes expanding the analysis to a larger dataset and exploring additional variables.

# **APPENDICES**

## Appendix A – Title

|  |  |  |
| --- | --- | --- |
| S No | Component | Description |
| 1. | Data Collection | Gathering student data including academic performance, economic background, and expected salary. |
| 2. | Data Cleaning | Pre-processing the collected data to handle missing values, inconsistencies, and outliers. |
| 3. | Data Analysis | Analysing the relationship between economic background, academic performance, competence, and expected salary. |
| 4. | Visualization | Creating visualizations (e.g., charts, graphs) to present insights derived from the data analysis. |
| 5. | Documentation | Documenting the project methodology, findings, and recommendations for future reference. |
| 6. | Presentation | Preparing a presentation summarizing the project objectives, methodology, findings, and recommendations. |