



PROJECT REPORT

DATA - ANALYTICS  
  
Problem statement : Absence of insights for the relationship between student's economic background, academic performance, competence & expected salary.

|  |  |  |  |
| --- | --- | --- | --- |
| **Created By:** | SUHAS B M | **Approved By:** | HARSHADA TOPALE |
| **Created On:** | 24-08-2023 | **Approved On:** | 28-08-2023 |

Page left blank intentionally

**INDEX**

[**1** **PROJECT DETAILS** 2](#_Toc143445375)

[**2** **SUMMARY** 2](#_Toc143445376)

[**3** **INTRODUCTION** 2](#_Toc143445377)

[3.1 Background 2](#_Toc143445378)

[3.2 Stakeholders 2](#_Toc143445379)

[3.3 Objectives 2](#_Toc143445380)

[**4** **METHODOLOGY** 2](#_Toc143445381)

[4.1 Considerations & Assumption 3](#_Toc143445382)

[4.2 Approach 3](#_Toc143445383)

[4.3 Activities 3](#_Toc143445384)

[**5** **TARGETTED V/S ACHIEVED OUTPUT** 3](#_Toc143445385)

[**6** **CONCLUSION** 3](#_Toc143445386)

[**7** **APPENDICES** 4](#_Toc143445387)

[7.1 Appendix A – Title 4](#_Toc143445388)

# **PROJECT DETAILS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Name** | Dollars and degree | | |
| **Project Sponsor** | Harshada topale | | |
| **Project Manager** | SUHAS B M | | |
| **Start Date** | 31-07-2023 | **Completion Date** | 28-08-2023 |

# **SUMMARY**

This project aimed to analyse the relationship between students' economic background, academic performance, competence, and expected salary. By exploring these factors, we sought to gain insights into the success factors of student interns.

# **INTRODUCTION**

## Background

In a highly competitive job market, understanding the factors that contribute to a student's success in securing internships and jobs is crucial. This project addresses the absence of insights into how a student's economic background, academic performance, competence, and expected salary are interconnected.

## Stakeholders

The stakeholders of this project include students, recruiters, educational institutions, and organizations offering internships and jobs.

## Objectives

The main objectives of this project were to conduct a comprehensive analysis of student interns and gain insights into the relationships between their academic performance, event participation, career aspirations, and influencing factors.

# **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

We considered the dataset provided as the primary source of information. Assumptions were made regarding the relevance of various attributes in determining the outcomes.

## Approach

We adopted a structured approach involving data exploration, visualization, and analysis. Python programming and data visualization tools were utilized for this purpose.

## Activities

Activities included data loading, cleaning, and exploration, followed by visualization to uncover patterns and relationships. The analysis phase involved addressing specific questions to draw meaningful insights.

# **TARGETTED V/S ACHIEVED OUTPUT**

The targeted outputs outlined in the project plan were successfully achieved. The project successfully analyzed the relationships between economic background, academic performance, competence, and expected salary. Deviations from the project plan were minimal and did not impact the overall objectives.

# **CONCLUSION**

In conclusion, this data analytics project has provided valuable insights into the intricate relationships between students' economic backgrounds, academic performances, competencies, and expected salaries. By delving into the dataset and conducting a thorough analysis, we've illuminated patterns and correlations that can greatly benefit various stakeholders.

For students, these insights serve as a guide to crafting more effective resumes and making informed decisions about their career paths. Understanding how different attributes influence success in the job market empowers them to strategically enhance their profiles and increase their chances of standing out in a competitive landscape.

Recruiters and hiring managers can leverage these findings to gain a deeper understanding of the factors that contribute to a student's potential for success within their organizations. This knowledge can lead to more effective and targeted recruitment strategies, aligning job candidates with the skills and attributes that truly matter.

Educational institutions can also benefit from this analysis. By understanding how different factors impact students' career aspirations and outcomes, institutions can tailor their programs to better align with industry demands and enhance students' overall employability.

Moving forward, there is ample room for future exploration and enhancement. Some potential areas of future scope include:

# **APPENDICES**

## Appendix A – Title

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| First name and last name | Identifies the student |
| Quantity (number of courses completed) | Number of completed courses |
| E-mail | Email ID of the student |
| College name | Name of the college where the student graduated |
| Year of graduation | Year of graduation |
| City | City of residence or hometown |
| GPA | Grade Point Average |
| Experience with Python programming | Months of experience with Python programming |
| Family income | Income level of the student's family |