



PROJECT REPORT

“Data Analytics”  
  
Absence of insights for the relationship between student’s economic background, academic performance, competence and expected salary

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| **Created On:** | 15-10-2023 | **Approved On:** | 15-10-2023 |

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# **PROJECT DETAILS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Name** | Absence of insights for the relationship between student’s economic background, academic performance, competence and expected salary | | |
| **Project Sponsor** | IAC Foundation | | |
| **Project Manager** | Harshada Topale | | |
| **Start Date** | 05-08-2023 | **Completion Date** | 15-10-2023 |

# **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

In the job market where competition's fierce resumes hold significant importance as they are the first point of contact, with recruiters. Although numerous students apply for internships and jobs every year recruiters typically spend 2-3 minutes perusing each resume. Surprisingly than 70% of resumes get turned down during the screening phase highlighting the importance of grasping key elements such, as academic achievements and salary expectations that impact one’s chances of employment.

## Stakeholders

* Tushar Topale
* Harshada Topale

## Objectives

The objective of this project is to gain insights into student academic data and expected salary information through data analysis. By achieving this objective, we aim to provide valuable information to stakeholders and facilitate better decision-making processes.

# **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

Assumptions were made regarding the completeness and accuracy of the student data used for analysis.

## Approach

A structured approach was adopted, focusing on data cleaning, visualization, and analysis to gain insights into student data.

## Activities

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

# **TARGETTED V/S ACHIEVED OUTPUT**

The achieved output includes a dashboard that meets the project's expectations.

# **CONCLUSION**

The results of the project are anticipated to be beneficial, for stakeholders, in connecting with a range of students and offering them information to improve their chances of employment. The upcoming plans involve delving into the analysis and fine tuning the information to meet the requirements of students, educational establishments and companies effectively.

# **APPENDICES**

## Appendix A – Title

|  |  |  |
| --- | --- | --- |
| Sl 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. |
| 7. | Future scope | Identifying potential areas for further analysis and improvement in future iterations of the project. |