CAREER TRACK ANALYSIS

DANIELLA OPOKU DARKWAH

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Introduction

The Career Track Analysis project delves into the enrollment and completion data of students pursuing various career tracks. This comprehensive analysis aims to uncover insights into monthly enrollment patterns, identify peak enrollment periods, and provide strategic recommendations based on the findings.

Analysis

Number of Enrollments and number of most enrollment per month

It has been uncovered that the number of enrolled students categorized monthly are January is 1122, February 937, March 1087, April 874, May 815, June 1088, July 872, August 1443, September 725, and October 392. The month with the most enrollment is August with a total of 1443. This pattern shows that the number of enrollments is not stable. They keep changing and they do not show an increasing or decreasing order from the month of January.

Most enrolled career

There are three careers namely Data Analysts, Business Analysts and Data Scientists. The career with the most enrolled students is Data Analysts with a total of 5130.

Career track completion rate

Out of these three careers the Data Analysts role with a total of 5130 enrolled students had a success completion rate of 0.96%. This completion rate indicates that a relatively small percentage of enrolled students successfully finished the Data Analyst track.

The Data Scientist role has a total of 3483 students with a completion rate of 1.12%. This completion rate falls between the rates for Business Analyst and Data Analyst.

The Business Analysts role has a total of 1468 students at a completion rate of 2.11%. This implies a relatively higher completion rate compared to the other tracks. The other tracks Data Analysts and Data Scientists.

There is a limitation to this research as the completion rate cannot be determined to be increasing, decreasing or constant with time. The data is only provided for the year 2022 and what can be deduced from it is the quarterly information.

Duration of career track completion

On an average, it typically takes students 150.14 days interested in becoming Data Scientists to complete their career track. It takes those students interested in becoming Data Analysts 133.8 days to complete their career track and it takes Business Analysts 104.8 days to complete their track.

Based on the findings of this analysis, the best subscription is the quarterly basis of 150 days. This corresponds to the Data Scientists who have a number of 150.14 days to complete a career track and their completion rate is 2.11%.

Recommendation

The 365 team can enhance the learning experience by adopting a multifaceted approach that incorporates personalized learning paths, clear objectives and milestones, interactive and gamified content, community building, regular feedback, and support, learning analytics, flexible learning options, career guidance, and continuous improvement. These elements contribute to a dynamic and adaptive learning environment that offers incentives to motivate students, boost engagement and completion rates, and inspire consistent learning.