refocus

Learn to earn

CERTIFICATE OF GRADUATION

This certifies that

RELIE RANGASAN

has successfully finished **the Core and Advanced tracks of the Data Analytics course** and completed all the assignments and projects with a passing grade

June 20, 2023

76426923

Roman Kumar Vyas

CEO & Founder of Refocus

RELIE RANGASAN

Has successfully finished the Core and Advanced tracks of the Data Analytics course

Number of hours completed	100 hours of video lectures, assessments, and self-study
Number of assignments passed	20 practical assignments and tests with evaluation

Description of project(s) finished

Refocus Project Creating a report

During the project, the students examined the company's data and delivered the insights requested by management. Working in teams, they used SQL and Excel to compile the report. As a result, they presented a visually engaging report and offered recommendations for the company.

Refocus Final Project

In this project, students utilized their knowledge of Excel, SQL, Power BI, and Python to complete comprehensive data analysis. They worked with intricate datasets, cleaned and transformed the data, and created a cohesive narrative through visualization tools. They identified key trends and takeaways and presented their insights in a clear and concise manner.

Refocus Project Crafting a Power BI Dashboard for Clockster (optional)

In this project, students successfully processed and cleansed raw data supplied by the HR department, utilizing tools like Excel, SQL, and Power BI. Following this, they developed Power BI dashboards to visualize the data and present the insights requested by the company's CEO.

Modules completed

Intro Module   Creating Reports Using Excel

Loading Data Using SQL   Creating a Report

Visualizing and Calculating Data in Power BI

Analyzing Data With Python   Business Metrics   Final Project

Tools learned

Databases: MySQL, PostgreSQL   Microsoft Tools: Word, Excel (Pivot)

Power BI   Python and libraries: Pandas, Seaborn, NumPy, SciPy and Matplotlib

Skills acquired

Cleaning, calculating, and visualizing data using Excel and SQL

Creating pivot tables in Excel

Conducting statistical analysis through Excel

Running SQL queries to retrieve information from databases

Processing data and creating dashboards in Power BI

Using Python libraries for data acquisition, cleaning, exploration, transformation, and visualization

Collaborating with businesses and stakeholders to provide pertinent information as needed

Showcasing analytical findings and offering insights and recommendations

Demonstrating strong teamwork and effective time and task management

Using business metrics and KPIs to assess a company's performance