

Training

Google Data Analytics Professional Certificate

July 2023

Domain: Data Analytics | MySQL | Big Query | Excel | Tableau | Spreadsheets | R | Presentations

- Achieved Google Professional Certificate in Data Analytics within 2 months.
- Mastered data cleaning, problem-solving, critical thinking, data ethics, and data visualization.
- Participated in over 180 hours of practical instruction and assessments.
- Executed SQL queries to manipulate and aggregate data for analysis.
- Presented project outcomes, demonstrating proficiency in data analysis and visualization techniques

Projects

Rainfall Prediction Using Machine Learning/ *SVM, Ensemble Stacking, XGBOOST, GBR*

March 2024 - May 2024

- Performance Testing and Accuracy Prediction
- Implemented Ensemble Stacking for creating hybrid models.
- Developed multiple hybrid models using 10 different algorithms to enhance accuracy.
- Evaluated model performance using RMSE, MAE, MSE, and R2 Score.
- Achievements: Gradient Boosting Regressor R2 Score: 87.4% Hybrid Model 4 (meta learner = XG Boost) R2 Score: 87%

Sustainable Energy Analysis / *Excel, Python, Pandas, NumPy, Seaborn*

June 2023 - June 2023

- Conducted data analysis on a Kaggle dataset of 198 countries to explore sustainable development and energy correlations.
- Cleaned raw data and identified correlation between the parameters.
- Applied preprocessing steps to handle outliers and clean the dataset.

Netflix Dataset Analysis/ *Big Query, Excel, SQL, Tableau.*

Sep 2023 - Nov 2023

- Analyzed the IMDb database to uncover insights related to movies and shows.
- Utilized Advance Excel formulas to clean and remove redundancies from the dataset.
- Developed a comprehensive set of questions to query the dataset.
- Implemented queries using Big Query and visualized results through a Tableau dashboard.

Certificates

Professional Android Development by Meta

November 2023

Coursera

Data Analytics Professional Course

July 2021

Coursera

Java Data Structure and Algorithms

June 2022

Udemy

Technical Skills

Languages Java, JavaScript, Kotlin, Python**Technologies/Frameworks:** Git, GitHub, Ubuntu, Excel, Android Studio**Skills:** Data Structures and Algorithms, Problem-Solving, Machine Learning, Python Programming.

Education

Lovely Professional University Punjab

2021 – Present

*Computer Science and Engineering — CGPA: 7.7**Jalandhar, Punjab*

FIITJEE Hr. Sec. School

2018 – 2020

*12th with Science — Percentage: 78.6%**Bhubaneswar, Odisha*

Sri Prakash Vidya Niketan

2016 – 2018

*10th with Science — Percentage: 90.5%**Visakhapatnam, Andhra Pradesh*