

Satyanand Gupta

JUNIOR ANALYST

A curious and enthusiastic professional looking for opportunities in analytical and problem solving roles to create business value and generate meaningful insights. Having **1+ years experience** in data analysis, data visualization & data manipulation using MS-Excel, SQL, Python & BI tool. I am quite efficient at analysing raw data to deduce insights using SQL queries, & create data visualization using Python data science libraries(Pandas, Numpy, Matplotlib, Seaborn etc.)

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WORK EXPERIENCE

Junior Engineer/Analyst Border Roads Organization

04/2022 - 06/2023

Chamoli, Uttarakhand

An organization constructing and maintaining the road networks in the border areas of India.

Tasks

- Stored & analysed data on MS Excel of the inventory & machines being used at various construction locations to optimize the usage of various resources.
- Reporting all the information related to different jobs on Works Management System (GoI) website.
- Preparing approximate estimate of works using standard schedule of rates norms & performing calculations using advance Excel formulae like Vlookup, Hlookup, Pivot tables and charts etc.

PROJECTS

Strength of Concrete - Regression Analysis

- Found relationship between the predictors (age & ingredients) and the response variable (Compressive strength).
- Using python packages to perform EDA & distributions, followed up by finding mutual info. of variables in the data frame using basic concepts of ML.

EDA – Airline Passengers Classification

- Performed EDA to understand the data and performed Data Pre-processing concepts like filling NULL values and removing the outliers.
- Plotting Box plots & Scatter plots to handle the outliers.
- Comparing count of satisfied passengers based on food, drink, seat-comfort ratings & using 'GROUP BY' for grouping them based on their age.

Sales Insights using Power BI

- Performed Data Discovery & Data Analysis on Sales database of a hardware company 'Atliq' using MySQL Workbench.
- Used Power Query Editor and DAX language for data transformation and data cleaning.
- Derived insights by creating Sales Dashboard showing Total revenue, Total Sales Quantity with respect to the their market regions and cutstomers.
- Used Slicers to perform filtering on Sales canvas report for easy accessing the insights on monthly and annual basis.

EDUCATION

B.Tech | Civil Engineering

National Institute of Technology, Hamirpur

2015 - 2019

8.23 CGPA

Intermediate (12th)

Bright Way Inter College, Lucknow, UP Board

2013 - 2014

87.4%

SKILLS

SQL

Python

C++

DBMS

Excel

Power BI

Pandas

Numpy

Data Visualization

Matplotlib

Seaborn

Data Cleaning

Critical Thinking

CERTIFICATES/COURSES

Data Science Masters

PW Skills

Python For Data Science

IBM

SQL & Relational Databases

IBM

Power BI for Beginners

SkillUP (by Simplilearn)

ACHIEVEMENTS

Earned a 2nd star on the SQL badge

HackerRank

Qaulified GATE-2019, 2020, 2021, 2022

GATE 2022 score - 583/1000

3rd prize winner in Speech Competition

21 Task Force, Border Roads Organization

Awarded with a laptop for being top 1% student in Intermediate exam (2014)

UP Board

POSITION OF RESPONSIBILITY

Sector In-charge of Ghastoli- Rattakona road -- B.R.O.

Managing manpower, machinary & materials for road maintenance work of the sector.

Executive Member -- Society of Civil Engineering(C-SoC)

Gave my active contribution to the team in organizing technical & cultural programs in NIT-H campus.

Mess Committee Member - Vindhyachal Boys Hostel

Helped the Mess committee in managing the mess funds, deciding the food menu, handling of materials and supply.

INTERESTS

Singing

Badminton

Video games