

Tanu Saxena

Data Analyst

Data Analyst with 2 year experience in interpreting and analyzing data to drive business solutions. Skilled in Python, Pandas, NumPy, Seaborn, Matplotlib and SQL with a strong analytical mindset. Possesses a deep understanding of business operations and utilizes analytics tools effectively for data analysis.

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📍 Delhi/NCR

EDUCATION

M.Tech (Hons.)

AKTU

09/2020 - 09/2022

Computer Science and Engineering

- Thesis : Monitoring A Greenhouse Via A Wireless Sensor Network

B.Tech (Hons.)

AKTU

07/2016 - 08/2020

Computer Science and Engineering

- Project : Diwali Sales Analysis using python library

WORK EXPERIENCE

Data Analyst

Ennovation Techserv Pvt. Ltd.

04/2023 - Present

Hannover Re German Insurance Company

Noida

Achievements/Tasks

- Data Transformation and Manipulation - Pandas, Numpy
- Performance Tuning and Optimization
- Re-insurance Application Data transformation Handling
- Data transformation, Data cleaning, Data selection and Data filtration
- Created and maintained time series handling(if applicable), data aggregation, filtering and selection tasks.
- Knowledge of data modeling, data transformation, and data visualization techniques using Pandas & Numpy.
- Familiarity with SQL for data extraction and manipulation.
- Developed and maintained matplotlib
- Successfully analyzed and processed claims and premiums using data provided by the accounting team
- Demonstrating strong attention to detail and accuracy in financial calculations.

Data Analyst

Ennovation Techserv Pvt. Ltd.

05/2022 - 04/2023

ICIC Bank

Achievements/Tasks

- Analyzed dataset in MS Excel and collaborated with Audit Team and IT Operations to gather and prioritize their business requirements.
- Involved in creating SQL queries for fetching data from multiple tables.
- Implementation of data cleaning techniques to gain insights in business, helping client to rise in the market
- Communicated and presented insights clearly and compellingly to senior leadership of the organization.
- Creating Trends for Business Insights.
- Speculating Pre-NPA Assets & Loan defaulters who are Potential Risk to the bank.

SKILLS

PYTHON

Numpy

Pandas

Basic SQL

MS Word

Matplotlib

Power Bi

Data Cleaning

Data Preprocessing

Documentation Skills

Seaborn

Git

MS Excel

PERSONAL PROJECT

Diwali Sales Analysis (Pandas and Seaborn)

- Improving customers experience by analyzing sales data
- Data Transformation in Jupyter Notebook
- Data Visualization using Matplotlib
- Performed EDA using Pandas, Matplotlib and Seaborn Libraries
- Performed Data Cleaning and Manipulation

Amazon Sales Analysis

- Analysis significant customer base in particular state
- Project effectively employing visualizations such as scatterplot, histogram, piechart
- project extract meaningful insights and drive informed decision making
- Data Transformation

COURSES & PUBLICATIONS

M.Tech (Hons.) (07/2020 - 08/2022)

Certification of Completion on Python (BASIC) From Hacker Rank.

Certification of Completion on Python for Machine Learning from Great Learning.

Certification of Completion on Python fundamental for beginners from Great Learning.

Blogs: Data Science at the speed of thoughts

RESEARCH PAPERS PUBLICATIONS:

Research Paper in UGC Care Group I Journal

Control & Monitoring of Dew Condensation Green House Agriculture