VANSHIKA VERMA

Data Scientist Enthusiast

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EDUCATION

B.Tech in Computer Science and Engineering
Guru Nanak Dev Engineering College

Oct 2021 - Present   Ludhiana , Punjab , India

- CGPA : 9.34 (Present)

Higher Secondary Education
Anand Isher Senior Secondary Public School

July 2019 - March 2021   Ahmedgarh, Punjab , India

- Percentage : 96.6 %

PERSONAL PROJECTS

Sentiment Analysis on Real Time Reddit Data

- Fetched real time data from PRAW and classified it on the basis of languages (English , Hindi and Roman Hindi)
- Translated Roman Hindi texts into pure English and applied RoBERTa model on English texts and Multilingual BERT on hindi texts
- Results were integrated and displayed through data visualization tools
- Tested the efficiency of models through labelled datasets

Pizza Sales Analysis

- Conducted a comprehensive analysis of pizza sales data to identify sales trends and enhance decision-making processes.
- Imported and preprocessed sales data within the pgAdmin workspace
- Computed the daily and monthly sales trend using SQL queries
- Developed an interactive dashboard using PowerBI to visualize sales performance and trends effectively.

Training Checker GNDEC

- Developed a web application to track students' training and placement details, enhancing the monitoring capabilities of the institution.
- Contributed to project documentation to facilitate ease of understanding and future maintenance.
- Helped in designing the frontend user interface

Hotel Management System

- Designed and implemented the GUI using Tkinter and Python
- The application includes functionalities for guest check-in and check-out, room information management, and retrieval of guest details.
- Integrated a database system to manage room and guest information.
- Ensured data validation and error handling for a seamless user experience.

WORK EXPERIENCE

Intern
Acmegrade

Jeep WheelDeal Chatbot   Jul 2023 - Sep 2023

SKILLS

Languages
- C/C++
- Python ,SQL,PL/SQL,HTML/CSS

Technologies
- **Data Science** : Statistics,Data Analysis, Data Visualization (Matplotlib , Seaborn)
- **Machine Learning** : Natural Language Processing ,NumPy, Pandas

Tools
- Git/GitHub,PostgreSQL,PowerBI,,Canva, Jupyter Notebook

ACHIEVEMENT

Consistently ranked within the top 5 students in my major for all semesters to date.

VOLUNTEERING

Causmic Club , GNDEC
Senior Executive Member(Event Management Team)

(Oct 2022 - Present)

Centre For Multifaceted Learning , GNDEC
Creative team member

(Feb 2022 - Oct 2023)

LANGUAGES

English ●●●●○
Hindi ●●●●●
Punjabi ●●●●●

CERTIFICATIONS

Data Analysis with Python , Pandas and NumPy
Issued by Udemy

(July 2023)

Data Structures and Algorithms using Python
Issued by NPTEL

(Apr 2023)   Score : 55 %

An Introduction to Programming through C++
Issued by NPTEL

(May 2022)   Score : 63 %