

KARANDEEP SINGH

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CAREER OBJECTIVE

Results-driven Data Analyst skilled in statistical analysis and data visualization using Python and SQL. Detail-oriented with strong communication skills, committed to transforming complex data into actionable insights for informed decision-making.

SKILLS

- Proficient in data analysis tools such as Python, SQL and Excel
- Experience with data visualization tools such as Tableau and Power BI
- Strong understanding of statistical methods and machine learning algorithms
- Ability to clean, transform, and analyze large datasets
- Excellent problem-solving and troubleshooting skills
- Effective communication and presentation abilities

ACADEMIC QUALIFICATION

- B.Com
Mahtma jyotibha phule rohilkhand University Bareilly
- ISC – XII
St.Xavier's College Bareilly
- ICSE-X
St.Xavier's College Bareilly

CERTIFICATION

- Completed Full stack data science course from Training basket Noida.
[March 2023 – Feb 2024]

TECHNICAL SKILLS

- Python
- Power BI
- NumPy
- Matplotlib
- Seaborn
- Tableau
- Deep Learning
- Machine learning
- Statistics
- MySql

PROJECT PROFILE

PROJECT 1

➤ ***Advance House Prediction:***

In this project, I have created a predictive model geared towards forecasting house prices based on a diverse range of features. Employing advanced techniques, including models like Random Forest and XGBoost, I executed the modeling process. Rigorous hyperparameter tuning was conducted to achieve optimal accuracy in the predictions.

PROJECT 2

➤ ***Face Recognition on custom data:***

Built a deep learning model using convolutional neural networks (CNNs) to accurately identify and recognize faces from a custom dataset. This project involved data collection, preprocessing, model training, and fine-tuning, demonstrating my expertise in computer vision and deep learning applications. The purpose of this project is to understand how to extract frames from a video and identify where the classified person is located either in a video or an image.

PROJECT 3

➤ ***Analysis On Covid -19 data:***

Conducted comprehensive analysis of global COVID-19 datasets to extract insights and trends related to the pandemic. Utilized data visualization techniques and statistical analysis to examine infection rates, mortality rates, geographical spread, and demographic impacts, providing valuable insights into the pandemic's progression.

PROJECT 4

➤ ***Speech Recognition Through The Emotions:***

Developed an AI friend using Python for speech recognition, creating an interactive assistant capable of understanding and responding to voice commands. This project involved natural language processing and machine learning techniques, demonstrating my ability to apply AI and speech recognition technologies to real-world applications.

PROJECT 5

➤ ***Tableau Project Analysis On Sample – Super Store data:***

Designed and developed interactive Tableau dashboards to visualize sales data effectively. Created dynamic dashboards with interactive elements such as filters, parameters, and drill-downs, enabling users to explore sales performance, identify trends, and make data-driven decisions, showcasing my proficiency in data visualization.

PROJECT 6

➤ ***Analysed E-commerce sales data created an interactive dashboard Using Power BI:***

Created interactive dashboard to track and analyze online sales data. Complex parameters are used to drill down in worksheet and customization using filters and slicers. Created Connections, join new tables, calculations to manipulate data and enable user driven parameters for visualizations. Used different types of customized visualizations (bar chart, pie chart, donut chart, clustered bar chart, scatter chart, line chart, area chart, map, slicers, etc).