

Pankaj Verma

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ABOUT ME

I am a certified data scientist with a proven track record of successfully completing various live projects. Possessing extensive knowledge in Python, Machine Learning, Deep Learning, Tableau, NLP, SQL, Flask, Django, and many more. Accomplished BCA (2019) and MCA (2021) graduate with a commendable grade. I have two years of experience as a developer at Avani Metrobuzz and Kockpit analytics Company, I bring a strong skillset and a passion for leveraging data to drive meaningful insights and solutions.

EDUCATION

Masters in computer applications(MCA) <i>Guru govind singh indraprastha university , Delhi</i>	CGPA - 8.16 <i>2019-2021</i>
Bachlors in computer applications(BCA) <i>Guru govind singh indraprastha university , Delhi</i>	CGPA - 8.22 <i>2016-2019</i>
12th(XII) <i>CBSE, Delhi</i>	Percentage - 63.6% <i>2014-2015</i>
10th(X) <i>CBSE, Delhi</i>	CGPA - 7.6 <i>2012-2013</i>

SKILLS

Python , Data analyst , Machine Learning , Deep Learning,NLP ,Tableau Django , Flask , SQL , Docker, Keras,Tensorflow , posgresql, Streamlit, API Git/Github , Sklearn, Web development, Software development ,Pyspark Neural network, CNN , ANN , Beautifulsoup,Selenium , Time series

CERTIFICATIONS

Master in data science (Aug 2021 - Feb 2022) **Techstack institute , new delhi**
Skills : *Excel, Statistics, Dashboard design, Machine learning, Deep learning , NLP , Numpy, Pandas, Matplotlib, Tableau.*

PROFESSIONAL EXPERIENCE

Kockpit Analytics Pvt Ltd **May 2022 - Present**
Developer **Work from office/home (hybrid)**

Accomplishments:

- I have gained a year of experience working with current company, where I developed my skills in Python, SQL, pypark, machine learning, deep learning, time series and NLP.
- During my tenure, I contributed to building data-driven solutions for various projects, including sentiment analysis, recommendation system, predictive modeling and many more.
- I worked with cross-functional teams to deliver high-quality results and gained a deeper understanding of data analysis and its impact on business outcomes.

Avani MetroBuzz **Apr 2021 - Apr 2022**
Developer **Work from office/home (hybrid)**

Accomplishments:

- Created Avani Metrobuzz website using Python Django web framework and hosted on Vultr cloud platform.
- Managed product sales on Amazon and Flipkart, including advertising campaigns to boost sales.
- Conducted data analysis of previous years' data to create insightful dashboards for the company.

MACHINE LEARNING PROJECTS

Technology - Python ,NLP, Machine learning, API, TensorFlow, NumPy, Pandas, Plotly, Streamlit, and Matplotlib

1) SMS spam detection (view) : This project is an NLP-based project that utilizes machine learning algorithms to detect spam messages.

2) Book Recommendation System (view) : This project is a Clustering-Content Based Project that uses the K-Nearest Neighbor (KNN) algorithm to provide book recommendations to users.

3) IPL Win Prediction (view) : This project aims to predict the win probability of the 2nd innings team in the game of cricket using machine learning algorithms with accuracy of 80%.

4) Laptop Price Prediction (view) : This project demonstrates the use of machine learning to predict the price of a laptop based on its specifications.Random Forest Regressor was selected as it gives 88.73% of accuracy.

5) Movie Recommendation System (view) : This project is using clustering and content-based approaches. system will take a user-selected movie and recommend 5 other movies which is most similar in terms of their content.

DEEP LEARNING PROJECTS

Technology - Python ,Deep learning, ResNet50, CNN, Neural networks, TensorFlow, NumPy, Pandas, Plotly, Streamlit, and Matplotlib

1) Fashion Recommender System : This project is a deep learning based project that uses ResNet50 and NearestNeighbors algorithm to recommend similar products to users.

2) Which Bollywood Celebrity You Look Like : This project is a fun and interactive way to explore deep learning techniques and facial recognition tasks. The project demonstrates the use of pre-trained CNN models, feature extraction techniques, and cosine similarity metric to accurately identify the celebrity look-alikes of the users.

PYTHON DASHBOARD DESIGN PROJECTS

Technology - Python, API, NumPy, Pandas, Plotly, Streamlit, and Matplotlib

1) Summer Olympic Games EDA (view) : This is an EDA based streamlit project, it show all exploratory data analysis of summer olympic (1896-2016).primary goal is to gain insights into the game's history and trends using EDA

2) Crypto Live Price Show (view) : This EDA-based Streamlit project aims to provide a dashboard for visualizing live prices of over 350 cryptos, with fluctuations occurring every 5 seconds.

DJANGO WEB DEVELOPMENT PROJECTS

Technology - Python ,Django framework, HTML5, CSS, Bootstrap, Talwind CSS, SQLite3, Javascript, JQuery, Web scraping, Beautifulsoup, Selenium, Linux, Cloud VPS hosting

1) E-Commerce Website (view) : This is a real-world project of avanimetrobuzz.in, an affiliate E-commerce website where you can purchase products listed similarly to Amazon and Flipkart.

2) Gamming blog website (view) : This is a real-world project of utf4u.space, a gaming blog website that features numerous mobile game links and YouTube videos providing instructions for game downloads.

TABLEAU PROJECTS

1) Banking Customer Analysis (view)

2) Customer Analysis (view)

3) Financial Complain Analysis (view)

4) Sales Report (view)

5) Superstore (view)