

Venuvanka Vamshi

✉ vamshivenuvanka0604@gmail.com ☎ +917396278182

📍 5-12-1/158, Venkata Rammaiah Colony, Hanamkonda

in www.linkedin.com/in/vamshi-venuvanka-b21aa2202 🔗 <https://github.com/>

PROFILE

As an analytical individual with expertise in data analytics, I possess a strong background in analysis, data visualization, and programming. My ultimate goal is to leverage my knowledge and practical experience to make meaningful contributions to a dynamic team. With my skills and experience, I am confident that I can bring value to any organization that I work with.

EDUCATION

Graduated in Computer Science and Engineering Vaagdevi Engineering College	06.2020 – Till date Warangal Urban
Intermediate Education Alphores Junior College <ul style="list-style-type: none">MPC -90.7%	05.2018 – 06.2020 Hanamkonda
Secondary Education S S Concept School, Hanamkonda <ul style="list-style-type: none">SSC-97.0%	03.2018 Hanamkonda

SKILLS

Programming: Python(Functions)	Visualization : Power BI, Excel charts, Jupiter Notebook
Database: SQL	Libraries Pandas, NumPy, Seaborn, Matplotlib, Sk Learn
Modelling: Linear Regression, Logistic Regression	

CERTIFICATIONS

- KPMG AU Data Analytics Job Simulation on Forage - November 2023**
 - Completed a simulation focused on advising a client on customer targeting with the Data, Analytics, and modeling team.
 - Assessed data quality and completeness in preparation for analysis.
 - Analysed data to target high-value customers based on demographics and attributes.
 - Developed dashboards to communicate findings with visuals.
- Participated in **MACHINE LEARNING BEGINNER COURSE** organized by **ANALYTICS VIDYA** and awarded with Certificate.

EXTERNSHIP

Machine Learning Externship, Smart Bridge <ul style="list-style-type: none">Collaborated with a team, in a work environment to tackle real-world problems in the smart bridge technology field.Conducted data analysis to uncover trends and patterns in smartwatch pricing, which helped us create predictive models.Solely responsible for the coding part of the project showcasing my proficiency in programming languages.Created informative data visualizations to effectively communicate our findings to both technical and non-technical stakeholders.	08.2023 – 09.2023 Hyderabad
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------

PROJECTS

Forecasting the future of smart watch prices

Externship

- Gathered a comprehensive dataset of smartwatches, including features such as brand, display type, battery life, GPS, and NFC. and many more
- Utilized EDA techniques to uncover key correlations and patterns within the dataset, providing a deep understanding of the market factors influencing smartwatch prices.
- Developed and fine-tuned machine learning models, including **Linear Regression, Random Forest, Gradient Boosting, decision tree, and extreme gradient boosting** to predict smartwatch prices accurately.
- Assessed model performance using metrics such as **Mean Absolute Error (MAE), Root Mean Squared Error (RMSE), and R-squared (R2)** values to ensure accurate price predictions.

NYC taxi trip EDA

- Conducted a comprehensive exploration of NYC taxi trip data using various dimensions such as time, geography, and passenger details.
- Leveraged geospatial data (longitude and latitude) to map and optimize taxi routes, contributing to increased efficiency in service delivery.
- Executed robust data cleaning and preprocessing procedures, ensuring the integrity and reliability of the dataset for accurate analysis.
- Employed advanced data visualization techniques, creating visually compelling charts and graphs to communicate complex patterns effectively.
- Utilized [**Python, Pandas, Matplotlib, Seaborn**] for data analysis and visualization, showcasing proficiency in relevant technologies.

SQL Query IMBD Dataset Analysis

- Embarked on a thorough data analysis voyage through the IMDB dataset, comprising movies and directors tables, offering the flexibility to harness both SQL and Python for analysis.
- Leveraged SQL to efficiently query and fuse data from movies and directors tables, enabling comprehensive analysis of movie attributes, ratings, and genre preferences.
- Delved into director names to unravel their influence on film success, enriching our understanding of the industry's key players.
- **Technologies used:**Python, SQL

ACHIEVEMENTS

11.2023

- Cleared **HackerRank SQL** assessment

STRENGTHS

- Statistical Knowledge
- Problem Solving
- Attention to detail
- Communication Skills
- Continuous Learning

DECLARATION

I hereby declare that all the information mentioned above is true to the best of my knowledge.

Venuvanka Vamshi