

Naraendra Reddy Dendi

naraendradendi@gmail.com | +1 980-263-1450 | linkedin.com/naraendradendi | <https://github.com/Naraendra-Reddy>

SKILLS

- **Languages:** Python, Java, SQL, HTML, Javascript, CSS
- **Tools and Technologies:** Git, Jupyter, Google Cloud Platform, AWS, Tableau, Apache Spark, Advanced Excel, Docker, Visual Studio
- **Foundational Concepts:** Statistics, Data - (Manipulation, Cleaning, Visualization), Machine Learning(Scikit-learn, Regression, Cluster Analysis, Decision Trees, Random Forests, SVM, PCA, Gradient Boosting, Ensemble Methods), NLP, Computer Vision, Time-Series Analysis, ETL Pipelines, CI/CD Pipelines, Deep Learning, Agile Methodology, Cloud Computing

EXPERIENCE

Omdena - Junior ML-Engineer

Remote | **08/22 - 03/23**

- Worked in a collaborative environment to address online violence against children
- Developed web scrapers to collect and analyze parent and child reviews of popular games, applications, and websites, enabling the identification of high-risk platforms.
- Cleaned and processed collected data, including lowercasing, tokenizing, removing punctuation and stopwords, and lemmatizing text for effective analysis.
- Performed feature engineering, including sentiment analysis, vector extraction using Word2Vec and Doc2Vec models, and TF-IDF transformations.
- Identified the top 20 platforms by number of reviews and analyzed the distribution of reviews for high and low-risk games, applications, and websites, with close to 16,000 reviews for high-risk platforms and nearly 25,000 reviews for low-risk platforms.
- Developed ETL, NLP and Machine Learning pipelines

PROJECTS

Analyzing StackOverflow Data: Conducted a business understanding and data understanding process to answer questions of interest, including salary and job satisfaction prediction. Results showed that most individuals suggest breaking into the field through online courses and that the average wage was highest for those that recommended contributing to open source. The data also revealed a correlation between higher degrees and suggested others pursue higher education to break into the field.

Analysis of Employee Database: Extracted task-specific data using SQL and visualized using Tableau. Found that the ratio of male to female employees has been roughly 60:40 % constantly, determined that males earned slightly more than females overall on average after 1993, until which it was almost the same

Exploring Seattle Airbnb Data- Insights and Trends: Performed exploratory data analysis on Airbnb listing data for Seattle, identifying seasonal trends, influential factors on pricing, and common property types. Built a machine learning model to predict the price of Airbnb listings using multiple ML algorithms based on key features such as location, property type, and amenities. Determined that Gradient Boosting regressor model was the best one with R2 score of 60 %.

EDUCATION

University of North Carolina at Charlotte | Master's in Computer Science Charlotte, NC | **01/2021 - 12/2022**

- **Relevant Coursework:** Applied Machine Learning, Computer Vision, Database Systems, Knowledge-Based Systems, Big Data Analytics, Intro to NLP

Dayananda Sagar College of Engineering | B.E in Computer Science Bangalore, India | **07/2016 - 09/2020**

Certifications

- **Data Analyst Associate - Datacamp**
- **Data Scientist Associate - Datacamp**

STUDENT INVOLVEMENT

- **Earth Club:** Participated in various club activities like group clean-ups, tree plantations, general body meetings
- **Table Tennis Club:** Participated in training sessions and games