Phalguni Ghonge

Toronto, CA | phalgunighonge@gmail.com | phalgunig16.github.io | GitHub | LinkedIn

Education

University of Toronto, *CA*
MASTER OF ENGINEERING IN CHEMICAL ENGG.
    Relevant Coursework: Project Management, Data Mining in Engineering, Data Analytics and Machine Learning

Skills

Languages	Python, SQL, SAS, HTML, CSS
Tools	Tableau, Jupyter Notebooks, Figma, Git
Frameworks	Scikit-learn, TensorFlow 2.0, Keras, Pandas, NumPy,
Other	Data Visualization, Customer Service, Team Management

Projects

COVID-19 World Data Exploration
TECH STACK: SQL, Tableau
- Extracted key insights such as death and infection rate from the global COVID-19 datasets using SQL Server
- Implemented CTE and Window Functions to perform multiple aggregated calculations on the joined datasets
- Developed a Tableau dashboard using Heat Maps and charts to condense the findings into digestible visuals that highlighted the severity of COVID-19 around the world

Celebrity Face Recognition with Deep Learning
TECH STACK: TensorFlow 2.0, PIL, InceptionV3
- Developed a Deep learning image classification model using Functional API in TensorFlow to classify a dataset of 130 celebrity faces.
- Conducted data preprocessing, including image resizing, normalization, and augmentation, to enhance model robustness.
- Fine-tuned pre-trained models (InceptionV3) to achieve high accuracy in recognizing celebrity faces.

Spotify Data Visualization
TECH STACK: Python (Pandas, NumPy), Tableau
- Extracted personal streaming data from Spotify to explore various streaming habits over a period of a year
- Cleaned and prepared data for tableau visualization using NumPy, Pandas etc.
- Developed an interactive Tableau dashboard to visualize top streaming artists, tracks and weekly streaming activity.

Netflix Data Visualization
TECH STACK: Python (Pandas, NumPy), Tableau
- Cleaned and pre-processed Netflix dataset consisting of content added to the platform in the past decade
- Designed and developed a Tableau dashboard to condense the findings into digestible visuals that highlight different content added around the world over the years

Music Recommendation System
TECH STACK: Python (Matplotlib, Seaborn)
- Performed exploratory data analysis (EDA) on Taylor Swift discography dataset using Pandas, NumPy, Matplotlib, Seaborn
- Implemented a basic music recommendation system using Spotify API that suggest similar Taylor Swift songs

Certificates

Google Advanced Data Analytics Professional Certificate - ***ML Course Projects***
Tensorflow 2 for Deep Learning Specialization
DeepLearning.AI TensorFlow Developer Professional Certificate (2/4)
SAS Programmer Professional Certificate (2/4)
Tableau Desktop Specialist

Experience

Cohere AI   *Feb 2023 - present*
DATA SPECIALIST (CONTRACT PART-TIME)
- Conducted thorough quality checks on machine learning data, also including labeling, ranking, auditing, and correcting data to ensure accuracy and consistency
- Completed text-based tasks with a high level of efficiency and attention to detail, ensuring all data was accurately labeled and formatted.
- Participated in team meetings to discuss data quality issues and identify areas for improvement.
- Achieved high throughput by efficiently completing large volumes of text-based tasks, consistently meeting productivity targets.