Meghesh Rana

Data Analyst

CONTACT

Telephone:
07 53 86 27 95

Email:
megheshrana@gmail.com

Address :
12 Rue du 11 novembre 1918
92110, Clichy

LinkedIn:
www.linkedin.com/in/megheshrana

SOFT SKILLS

- Proactively driven with a meticulous approach
- Proficient in data analysis with a knack for solving complex problems
- Strong communicator fostering collaborative teamwork
- Adept at managing tasks seamlessly in remote settings
- Quick thinker with a proactive approach and a sense of responsibility

CERTIFICATION

- Google Cloud - Exploring and Preparing your Data with Big Query
- Google Cloud - BigQuery for Data Analysts
- Introduction to Generative AI
- AWS S3
- Data Science in E-Commerce

PROFESSIONAL EXPERIENCE

May 2019 – Oct 2019

Hatkesh Info Tech, India
Python Developer (Intern)

- Developed customized applications for clients based on their specific requirements, resulting in a 20% increase in customer satisfaction.
- Enhanced application performance with optimization algorithms, cutting processing time by 15% and improving overall efficiency.

EDUCATION

2022 – Pursuing

Master's in Big Data & Business Analytics
CY Tech University, Paris, FR

2015 – 2019

Gujarat Technological University, India

- **Bachelor's – Information Technology**
  Grade - 7.03/10

SKILLS

- **Programming Languages:** Scala, Spark, SQL /NoSQL, Python (seaborn, Sckit-learn, PyTorch, Keras, Matplotlib, NumPy, Pandas, TensorFlow), Natural Language Processing, Artificial Intelligence, Machine Learning
- **Tools:** Databricks, AWS, Qlik View, Tableau, Power BI, MongoDB, GCP (Google Cloud Platform & Big Query), Excel, PowerPoint, Airflow

PROJECTS

NYC Airbnb Analysis: Extracted data from diverse sources, including Airbnb and neighbourhood demographics, for comprehensive NYC Airbnb analysis; performed data cleaning and applied a robust pipeline to ensure accuracy and reliability of insights gained.

Sentiment Analysis: Implemented R and Python for text analytics on a dataset of 91 topics, using TF-IDF, sentiment analysis, and clustering. Achieved a 75% accuracy boost with advanced sentiment analysis, extracting valuable patterns and insights.

Netflix Movies Analysis: Analyzed a dataset of 10,000 movies, identifying correlations between release month and user ratings to recommend focusing high-rated movies during peak months. Executed a cleaning algorithm, reducing errors by 20%, and discovered untapped market opportunities for potential $10 million revenue increase.

Thesis – Machine Learning and Artificial Intelligence with Game Theory: Explored the synergy between Neural Fiction Self-Play (NFSP) utilizing Deep-Q-Networks and Monte Carlo methods, demonstrating 10,000 iterations with a zero-sum method for poker game. Through adaptive decision-making algorithms, these innovations can enhance defence and cybersecurity.