Ankita Singh

✉/ankitasingh15.102@gmail.com | **in**/ankita-singh | ⭘/Annkkitaaa | </>/Ankita | ⋈/Ankita | +91-7208609380

EDUCATION

Indian Institute of Technology (ISM) Dhanbad, Jharkhand
Master of Science - Mathematics and Computing *Aug 2022 - May 2024*
- CGPA: 3.3/4.0 (4-point scale)

Patna Women's College Patna, Bihar
Bachelor of Science - Mathematics (Hons.) *April 2019 - April 2022*
- CGPA: 3.9/4.0 (4-point scale)

TECHNICAL SKILLS

Programming Languages: C++, Python (including Libraries Numpy, Pandas, Matplotlib, Streamlit, Sklearn)
Data Structures and Algorithms, Design and Analysis of Algorithms, Database Management System
Analytical Skills: Data Analytics, Data Visualization, Data Mapping, Data Insight, Statistics, Quantitative Analytics
Tools: Excel, Tableau, Web Scraping, SQL, GCP storage, Big Query, Looker Studio, AWS, Tensorflow
Statistical Analysis: Probability, Inferential statistics, Time-Series Analysis
Machine Learning: Supervised and unsupervised machine learning methods, natural language processing, and semantic analysis
Soft Skills: Communication, Problem-Solving, Research, Teamwork, Project Management, Leadership
Other Skills: Cryptography, DeFi, Basics of Blockchain, Distributed Systems

EXPERIENCE

Data Science Intern

Infinite Analytics *Mumbai, Maharashtra*
Campaign Data Analysis: Analyzed and optimized campaign data to improve targeting and efficiency.
Deep Q-Learning Model: Developed a campaign optimization model using Deep Q-Learning to enhance decision-making processes.
Geospatial Data Analysis: Worked on geospatial data to analyze Points of Interest (POI) and extract brand-related insights.

PROJECTS

Uber Data Analytics Project ⬈ *Google Cloud Platform (GCP), Big Query, Looker Studio*
December 2023

- Leveraged data analytics skills to analyze Uber data using tools such as Google Cloud Platform (GCP) Storage, Python, Big Query, and Looker Studio.

Stock Market Data Analysis ⬈ *Amazon Web Services (AWS), Apache Kafka, AWS Glue, Athena, SQL*
August 2023

- Implemented a comprehensive end-to-end data engineering solution to process and analyze real-time stock market data. Utilized a diverse set of technologies, including Python, Amazon Web Services (AWS), Apache Kafka, AWS Glue, Athena, and SQL, showcasing proficiency in integrating various tools for effective data management and analysis.

Sentiment Analysis on Amazon Review ⬈ *Natural Language Processing (NLP), Python*
September 2023

- Conducted sentiment analysis on Amazon reviews, employing Natural Language Processing (NLP) to extract key customer insights.

ACHIEVEMENTS

MTTS 2021 Member (Mathematics Training and Talent Search Programme)
Secured All India Rank (AIR) 535 in IIT JAM 2022

RELEVANT COURSEWORK

- **Courses:** Data Structures and Algorithms, Database Management System, Data Analytics, Design and Analysis of Algorithms, Data Mining, Probability and Statistics, Inferential Statistics, Distributed System.
- **Online Certifications:** Machine Learning Specialization, Coursera ⬈ ; Supervised Machine Learning: Classification and Regression, Coursera ⬈ ; Advanced Learning Algorithms, Coursera ⬈ ; CS120: Bitcoin for Developers, Saylor Academy ⬈ , Credential ID 7391432686AS; PRDV151: Bitcoin for Everybody, Saylor Academy ⬈ , Credential ID 3760650151AS.