

Ankita Singh

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EDUCATION

Indian Institute of Technology (ISM)

Master of Science - Mathematics and Computing

Dhanbad, Jharkhand

Aug 2022 - May 2024

- CGPA: 3.3/4.0 (4-point scale)

Patna Women's College

Bachelor of Science - Mathematics (Hons.)

Patna, Bihar

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 ☑

December 2023

Google Cloud Platform (GCP), Big Query, Looker Studio

- Leveraged data analytics skills to analyze Uber data using tools such as Google Cloud Platform (GCP) Storage, Python, Big Query, and Looker Studio.
- Applied advanced mathematical and statistical techniques to extract valuable insights from intricate datasets.

Stock Market Data Analysis ☑

August 2023

Amazon Web Services (AWS), Apache Kafka, AWS Glue, Athena, SQL

- 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 ☑

September 2023

Natural Language Processing (NLP), Python

- Conducted sentiment analysis on Amazon reviews, employing Natural Language Processing (NLP) to extract key customer insights.
- Utilized advanced analytics techniques to deepen product understanding and inform strategic decision-making.

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.
- **Online Certifications:** Machine Learning Specialization, Coursera ☑ ; Supervised Machine Learning: Classification and Regression, Coursera ☑ ; Advanced Learning Algorithms, Coursera ☑ .