

Gunjan Chakraborty

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OBJECTIVE:

Pursuing a Master's in Data Science, I'm developing expertise in data analysis (Python, R) and visualization (PowerBI, Tableau). I'm also advancing my skills in AWS (EC2, S3, RDS, IAM, CloudWatch). My goal post-graduation is to excel in high-performance analytics, using cloud tech to drive industry innovation.

EDUCATION:

- ❖ Bachelor of Science in Statistics, Midnapore College
CGPA: 8.17/10, (2019-2022)
- ❖ Masters of Science in Data Science and Analytics, Jain University
CGPA: 8.35/10(2nd semester) (2022-present)

PROJECTS:

Prediction of Gold Price (February 2022-March 2022)

- Analysed gold prices from 2000 to 2021 using R programming language.
- Utilized external packages forecast and tseries for timeseries analysis.
- Applied statistical techniques to derive insights and inform decision-making.
- Developed skills in time series analysis and forecasting techniques.

Stock Market Dividend Analysis (March 2023-May 2023)

- Collected stock market dividend data for every stock of Nifty 50 from 2018 to 2022.
- Analysed and visualized the data to identify patterns and trends.
- Made recommendations for each stock based on the analysis.
- Developed skills in financial analysis and stock market research.

KPMG AU Data Analytics - September 2023

- Completed a simulation focused on advising a client on customer targeting with the Data, Analytics & Modelling team
- Assessed data quality and completeness in preparation for analysis
- Analysed data to target high-value customers based on demographics and attributes
- Developed dashboards to communicate findings with visuals

Tata Data Visualisation: Empowering Business with Effective Insights - September 2023

- Completed a simulation involving creating data visualizations for Tata Consultancy Services
- Prepared questions for a meeting with client senior leadership
- Created visuals for data analysis to help executives with effective decision making

Accenture North America Data Analytics and Visualization - October 2023

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders

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TECHNICAL SKILLS:

Programming Languages: Python, R, C, SQL

Data Management: MongoDB

Data Visualization: PowerBI, Tableau

Data Science and AI: Artificial Intelligence, Machine Learning, Deep Learning

Big Data Technologies: Hadoop, Spark

Cloud Computing: Amazon Web Services (AWS) - EC2, S3, RDS, IAM, CloudWatch

WORK EXPERIENCE:

AWS Cloud Intern

F13 Technologies, Delhi, India

September 15, 2023 - Present (Remote Work)

- Working remotely as an AWS Cloud Intern at F13 Technologies, a Delhi-based IT company, gaining hands-on experience with Amazon Web Services (AWS).
- Learning and applying AWS skills in a real-world setting, including AWS EC2, S3, RDS, IAM, and CloudWatch.
- Actively involved in a project focused on migrating Indian Railway Services (IRS) infrastructure to AWS, contributing to the company's cloud computing initiatives and enhancing my cloud expertise.

ACTIVITIES AND AWARDS:

Research Experience:

Malware Detection Research Paper

- Currently conducting research on malware detection with a focus on mitigating ransomware attacks
- My research focuses on leveraging deep learning techniques for malware detection, with a remarkable achievement of 99.47% detection accuracy.

Academic and Research Achievements:

Published Magazine on Stock Market Dividend Data Analysis

- Demonstrated expertise in financial market exploration through the publication of a magazine focused on stock market dividend data analysis.

Applause Award Recipient

- Recognized as an Applause Award recipient for creating a robot at Jain University, showcasing innovation and engineering skills.

2nd Position at University-Level Project Presentation

- Secured the 2nd position at the University Level Project Presentation hosted by Midnapore College, highlighting proficiency in project development and presentation.