

MEENAL GARG

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EDUCATION

CHANDIGARH UNIVERSITY

M.Sc. Data Science

Cumulative GPA: 8.63/10

Relevant Coursework: Python, SQL, Data Analysis, Statistics, Power BI, Machine Learning,

Mohali, Punjab

August 2022 – June 2024

MANAV RACHNA UNIVERSITY

B.Sc. (H) Mathematics

Cumulative GPA: 9.49/10

Relevant Coursework: Statistical Analysis, Probability, Linear Algebra, MATLAB

Faridabad, Haryana

July 2018 - May 2021

SKILLS

Programming Languages: Python, SQL

Visualization Tools: PowerBI, Tableau, Excel

Data Skills: Data Cleaning, Data Analysis, Data Visualization

Statistics: Hypothesis Testing, Probability Distributions

Technical Proficiencies & Soft Skills: Collaborative Development, Strategic Oversight, Data-driven Decision Making

WORK EXPERIENCE

AMK GLOBAL GROUP LIMITED

Business Analyst Intern

Remote

May 2024 – Sep 2024

- Developed a PowerBI dashboard for sales, **improving tracking efficiency by 20%**.
- Web scraped 100,000+ email IDs from company and UK government sites, **reducing processing time by 30%** and facilitating recruitment tie-ups.
- Automated email campaigns and Calendly events using Google Apps Script, **boosting client engagement by 25%**.
- Coordinated interviews and candidate communication across 10+ roles, ensuring seamless candidate experience.
- Improved candidate screening **efficiency by 30%** through **automated email campaigns** and recruitment pipeline management.

AFAME TECHNOLOGIES

Data Analyst Intern

Remote

April 2024 – May 2024

- Designed an interactive Power BI sales dashboard to track key metrics like total sales, profit, and return rates, improving data-driven decision-making.
- Created dynamic visualizations to analyze sales trends, customer behavior, and delivery performance, enhancing strategic insights.
- Optimized business strategies by identifying top-selling products and high-performing regions, driving targeted actions for growth

PROJECTS

HR Analytics Dashboard

March 2024

- Developed an HR dashboard in Power BI for **500+ employees**, streamlining **key metrics** like turnover and retention.
- Designed **10+ interactive visuals**, boosting HR decision-making efficiency by **15%**.
- Cut manual reporting time by **30%**, enabling real-time insights for workforce planning.

PNDM Disease Prediction

October 2023

- Collected and **cleaned 100,000 samples** of PNDM data, visualized feature impacts, and conducted detailed analysis.
- Developed and optimized machine learning models (Random Forest, Logistic Regression, SVM) with **99.9% accuracy** in predicting PNDM.
- Applied LIME explainer to enhance model transparency and interpretability, ensuring clear and actionable predictions.

PUBLICATIONS

PERMANENT NEONATAL DIABETED MELLITUS DETECTION USING MACHINE LEARNING

IEEE

- Presented and published at the ICAIHI conference (SSIMPT, Raipur, Dec 29-30, 2023), introducing a machine learning model for early diagnosis of Permanent Neonatal Diabetes Mellitus with 99.99% accuracy using Random Forest and LIME, significantly enhancing diagnostic precision and impacting pediatric healthcare.

PREDICTION AND COMPARATIVE ANALYSIS OF FEW MOST IMPACTED COUNTRIES BY CORONAVIRUS

Springer Link

- Published in the Springer Links Lecture Notes in Electrical Engineering book series (LNEE, volume 990) on May 19, 2023. Analyzed COVID-19 case and death predictions using linear regression and WEKA, forecasting trends for five countries to aid policymakers and healthcare providers in managing the pandemic and mitigating future spread.