

KRITIKA GOYAL

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EDUCATION

American University, Kogod School of Business

August 2023 - Present

Master of Science in Analytics

Relevant Coursework: - Database and Big Data, Managerial Statistics, Business Insights, Consulting Practices

GPA: 4.00

IIIT Hyderabad

September 2022 - November 2023

Advanced Certification – Software Engineering for Data Science

Relevant Coursework: - Data Engineering, Data Structures and Algorithms, Designing Intelligent Systems

JNTUH

August 2016 - May 2020

Bachelor of Technology in Electronics and Communication

PROJECTS

Titanic Shipwreck Survival Analysis:

- Implemented Machine Learning flow for experiment logging, ensuring transparency and reproducibility
- Developed and tracked improved classification models for predicting Titanic survival
- Conducted impactful EDA, showcasing strong data engineering skills

Building a Python Flask ML Application:

- Led the development of a user-friendly Flask ML app for loan eligibility
- Integrated MySQL databases for efficient data storage and analysis
- Demonstrated expertise in Python, ML, and web frameworks

Allocation of Public Investments within New York State:

- Conducted in-depth OLS regression analysis to examine federal funding impact
 - Identified disparities in funding distribution, advocating for more equitable allocation
 - Presented a compelling case for social equity, emphasizing challenges faced by women and minorities
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WORK EXPERIENCE

Deloitte

July 2020 - August 2023

Senior Analyst

- Led change management initiatives and delivered major projects in the Digital and Analytics team
- Built complex HR Analytics reports; resolved technical issues affecting over 50,000 candidates
- Spearheaded HR transformation projects, automating offer release processes, and integrating a new assessment vendor
- Ensured data integration across multiple platforms, including Salesforce, SAP, and in-house tools

Analyst

August 2020 - May 2023

- Initiated Digital and Analytics team projects, overseeing vendor integrations and reporting with a team of 4, later transitioning to a supervisory role.
- Contributed to the success and efficiency of a 6-month-long project focused on migrating to new software
- Revamped offer letters, optimized candidate workflows, and led impactful virtual events, fostering team productivity
- Resolved tech issues, ensured system efficiency
- Coordinated virtual events, and improved team communication
- Provided hands-on training, mentored 5 new hires, and championed knowledge transfer for an empowered workforce

Accolades:

- Outstanding Award:** Awarded for the Data Integrations Project
 - Applause Award:** Received for exceptional knowledge in multiple HR systems
 - Earned two spot awards** for taking up additional responsibilities and displaying resilience
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SKILLS AND INTERESTS

Programming: Python, R, SQL, C++, C, HTML

Software tools: Pycharm, Jupyter Notebook, Tableau, MS Excel, Salesforce, Avature, Access, MongoDB, MySQL

Machine Learning Algorithms: Decision Trees, Random Forest, K-Means, PCA.

Statistical Analysis: Regression Analysis, Probability, Hypothesis Testing, Time Series Forecasting, Cluster Analysis.

Interests: Reading, Hiking, Horseback riding