KRITIKA GOYAL

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WORK EXPERIENCE

Kogod School of Business -American University   *January 2024 - Present*
Teaching Assistant – Business Insights and Analytics

- Manage Hyflex classes on Zoom, ensuring a seamless learning experience for students and fostering a supportive environment.
- Conduct regular office hours to address student queries, clarify doubts, and provide guidance on course materials.
- Assist students in project-related queries, offering insights and support to enhance project outcomes.

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

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
- 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
- **Spot Award:** Earned for taking up additional responsibilities and displaying resilience

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

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
- Public relations officer at AU -ASA Club
- 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

SKILLS AND INTERESTS

Programming: Python, R, SQL, C++,C
Software tools: PyCharm, Jupyter Notebook, Tableau, MS Excel, 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: Hiking, Cooking, Poetry, Event Management