Nadeem Akhter

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EDUCATION

Ivey Business School, Western University, London, ON, Canada   2024
Candidate for Master of Science in Management (MSc), Business Analytics

University of Petroleum and Energy Studies, Dehradun, India   2021
Bachelor of Technology in Petroleum Engineering

WORK EXPERIENCE

Flutura Decision Sciences & Analytics, **India**   Jan 2022- Jun 2023
Business Analyst
- Leveraging systematic analysis and stakeholder insights, I identified business challenges and crafted innovative, adaptable technologies to effectively meet client requirements.
- Performed in-depth industry research, leveraging publications, research papers, and online sources developing sophisticated Failure Prediction models, uncovering 25% more failure modes and reducing downtime by 10%.
- Employed structured methodologies to pinpoint root causes detailing the underlying issue and creating a problem tree by implementing PCA Algorithm using Python, resulting in 10% boost in operational efficiency.
- Designed an Asset Criticality Health Scoring Model using K-means Clustering for 250+ compressors and pumps in gas wells, presenting relative comparison amongst fleet assets to the user.
- Established strong client relationships by consistently engaging at the client's on-site location in Saudi Arabia and demonstrating a deep understanding of cultural needs to better align with their business requirements.
- Demonstrated leadership and client management abilities by leading a small team, meeting timelines, and delivering client-satisfying reports using PowerBI to provide interactive and informative insights.

Flutura Decision Sciences & Analytics, **India**   Sept 2021- Dec 2021
Trainee Analyst
- Developed complex SQL queries to clean, preprocess, and transform raw data, for more effective data analysis.
- Optimized set-point prediction through regression, cutting manual intervention by 50% in pursuit of automated set point adjustments.
- Leveraged AWS for data storage and transfer, delivering unparalleled scalability and efficiency to our operations.

OTHER ACTIVITIES & INTERESTS

Federation of Indian Petroleum Industry, *Event Head*   2020-2021
- Executed large-scale events, by handling scheduling, budgeting, resource allocation and marketing strategies, resulting in successful events with over 5000+ participants nationwide.
- Led a team of eight junior members, delegating tasks strategically leveraging their unique strengths and interest, and providing consistent support to them as challenges arose, thus cultivating a productive team atmosphere.

University of Petroleum and Energy Studies, *Paper Presentation*   2019-2021
- Presented a paper on "Optimization of Heavy Oil Recovery by Radio Frequency Heating: A Theoretical Approach with Experimental Modeling" at the Abu Dhabi International Petroleum Exhibition and Conference (ADIPEC).
  URL: https://doi.org/10.2118/197232-MS
- Presented a paper on "Mathematical Model for Predicting the Reservoir Performance of Gas Condensate in Multiphase Flow Systems." at the Offshore Technology Conference (OTC Asia).
  URL: https://doi.org/10.4043/30189-MS

Handicapped Development Foundation, *Volunteer*   2021-2023
- Empowered orphanage children through transformative career guidance sessions, clarifying their career options and exam requirements and proactively provided essential study materials to support their journey.

Technical Skills: Python, SQL, Excel, R, PowerBI, AWS, Microsoft Visio
Interests: Industrial Artificial Intelligence, ESG Industry, Energy Industry, Table Tennis