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| **ALI FAISAL RAZA**  **Email:** alifaisalraza@gmail.com **| Contact No:** 416-820-7980 **| LinkedIn:** [ali-faisal-raza](https://www.linkedin.com/in/ali-faisal-raza/)  **PROFESSIONAL SUMMARY**  An innovative and rigorous graduate in Data science with significant internship experience, along with team-oriented mindset, eagerness and prior documentation and analysis experience to contribute to business objectives of my employer.  **TECHNICAL SKILLS**   * Programming: Python, Pandas, NumPy, Scikit Learn, Keras, SQL, C, Java, C++, JavaScript, PHP, SharePoint. * Framework/Platforms: Flask, PySpark, Git, AWS, Azure, M365 * Data Visualization: Tableau, Power BI, Matplotlib, Seaborn, Excel * Supervised Learning: Linear Regression/Classification, Neural Networks (ANN, CNN, RNN), Random Forest, XGBoost, SVM, Decision Trees, Naïve Bayes * Unsupervised Learning: Principal Component Analysis, LDA, SVD, K-Means Clustering, Hierarchical Clustering.   **OTHER KEY SKILLS**   |  |  |  |  | | --- | --- | --- | --- | | * Business Analysis | * Management Reporting | * Vendor Management | * Stakeholder Mgmt. |   **PROJECTS**   1. **Predict Flight Delays:** Created regression models to predict flight delays a week in advance based on historical delay patterns, operational turnaround times and factors like weather condition during departure and arrival periods. 2. **Predict Growth Avenues for e-Commerce Business:** Performed data analysis, identified sales and revenue patterns and segmented customer groups based on purchasing behavior to identify focus areas for business growth. 3. **Validate Proximity Strategy for Businesses around City Bike Stations:** Created regression models to predict if proximity to city bike stations can affect popularity of business outlets and is a viable strategy to pursue for businesses. 4. **Study Sustainability of Housing Prices in Canada Market:** Collected housing prices of previous 20 years and charted housing and consumer price patterns using Tableau to visualize sustainability of current trend in view of national income trajectory. 5. **Identify Focus Customer Segments for a Banking Organization:** Employed unsupervised clustering mechanism to focus on profitable customer groups based on their demographic information and banking behavior.   **EDUCATION**   * **Certificate in Data Science – Lighthouse Labs** * **Certificate in Cyber Security Management** **-** **University of Toronto** * **Post Graduate Diploma in Information Technology** **-** **Symbiosis University, India** * **B.Tech. (Mining Engineering)** - **Indian Institute of Technology, Kharagpur, India**   **CERTIFICATIONS**   * **Project Management Professional (PMP) - PMI, USA** * **Certified Business Analysis Professional (CBAP) - IIBA, Canada** |
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