**Adnan Sherwani**  
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| **PROFESSIONAL SUMMARY** | **KEY COMPETENCIES** |
| *Highly motivated Data Analyst with over 4 years of extensive experience in the data intelligence and consumer insights industry. Proficient in statistical analysis, data visualization, and maintaining data and ETL processes using Python, SQL, Power BI, Microsoft Excel, and Azure Cloud. Demonstrated success in management, data validation, and data transformation, with a strong focus on empowering teams to efficiently analyze data and derive actionable insights. Completed a Post-Graduate degree in Predictive Analytics (Statistics) in 2023 in Canada. Skilled in collaborating with clients and stakeholders to deliver innovative data solutions.* | * **Programming & Data Analysis:** Python, SQL, SAS * **Visualization**: Microsoft Power BI, Microsoft Excel (Advance) * **Statistical** **Techniques**: Linear Regression, Random Forest, Inferential Modelling, Decision Trees, KNN, ARIMA, Exponential Smoothing ETS, AB Testing, Logistic Regression, ETL * **Other** **Tools**: PowerApps, Azure Synapse, Azure AI, APIs, IBM Cognos BI * **Platforms**: Linux, Windows, Unix, Azure, JIRA |

**RELEVANT** **WORK EXPERIENCE**

**Junior Data Scientist Internship Feb. 2024 – Apr. 2024**

Magnify Access Inc. – Toronto, ON

* Developed outcome-driven solutions for enhanced workplace accessibility, focusing on the application of Transformer models.
* Utilized Python and Scikit-learn libraries to implement and optimize AI algorithms for workplace accessibility.
* Conducted experimentation and evaluation of AI models, iterating on approaches to improve performance and accuracy.
* Documented code, methodologies, and findings to ensure knowledge transfer and facilitate future developments.

**Data Analyst / Specialist Jan. 2020 – Dec. 2021**

GFK NiQ

* Proficient in pattern detection to extract crucial insights from business processes using statistical techniques such as clustering, classification, and regression, ensuring comprehensive coverage on a monthly and weekly basis.
* Identified and implemented key metrics, enhancing business efficiency, utilized SQL (Snowflake and Oracle) and Python (Scikit-learn and Pandas) to manage and analyze large datasets. and driving a 20% increase in client satisfaction, potentially leading to higher retention rates or increased business from the region.
* Assisted clients in understanding market dynamics, consumer preferences, and competitive positioning, identifying potential market gaps for growth and aiding in the refinement of pricing strategies for maximum profitability.
* Communicated key findings through compelling data visualizations using PowerBI and Excel, effectively conveying complex insights to clients, achieving a track record of on-time report deliveries exceeding 95%.
* Provided regular feedback and proactive suggestions on the development of internal tools, including automation in Data Warehouse, JIRA, and Workflow Management tools, as part of GFK’s expert community group.
* Contributed to the Oracle-to-Azure Cloud transition, boosting database management efficiency by 18% and reducing time by 50%

**Data Associate**  **Jul. 2018-Jan. 2020**

IBM – Delhi NCR, India

* Supported data processing and analysis activities, including cleaning and organizing data, coding responses, and preparing data files for analysis.
* Ensured the accuracy and quality of data collected and analyzed, performing data checks, reviewing data sets, and assisting in quality control processes.
* Created standardized reports with detailed findings using tools like IBM Cognos BI, SQL and Excel, providing useful insights.
* Assisted in the preparation of research reports, presentations, and deliverables, including data visualization and report formatting.

**Associate IT Oct. 2016– Apr. 2017**

Corporate Executive Board **(**Gartner)- Delhi NCR, India

* Collected and analyzed data from vendors, establishing goals and presenting findings.
* Performed human resource insights from various enterprises, identifying management needs for effective business operations.

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**EDUCATION**

**Predictive Analytics** – Conestoga College, Ontario, Canada ***May 2023 – Dec. 2023***

* **Projects**:
* **Supermarket Analysis (Market Basket)**: Analyzing data from Canadian supermarket for Customer Analytics, which retail businesses utilize to gain valuable insights into customer purchasing behavior. It enables businesses to identify associations between products frequently bought together, empowering them to make informed decisions about cross-selling, upselling, and optimizing product placements. Skills: Power BI, Microsoft Excel (Clustering, Regression, Time Series, Apriori, Decision Tree)
* **Energy Consumption from PJM Energy in MW**: The "Energy Consumption from PJM Energy in MW" project utilized statistical analysis and time series analysis techniques in Python and R to examine energy consumption data from PJM Energy. By applying these methods, the project aimed to gain insights into energy consumption patterns over time, facilitating informed decision-making in energy management and resource allocation. Skills: Python, Statistical Techniques, R, NLP.

**Engineering -** Dronacharya College of Engineering, India ***Aug. 2012 – Aug. 2016***

**Unsupervised Projects (Community)**:

* **Huntington Disease**: collaborated with the Huntington society of Canada to predict and analyze their event revenue and expenses for Huntington disease research. Skills: Python, Excel, Power BI
* **US Employment History**: US Unemployment History: Analyzed trends and patterns in historical US unemployment data using data analysis techniques. Skills: Python (Pandas, NumPy, Scikit learn, Seaborn)
* **EDA US Accidents**: Data between 2016-2021 provides insights into accident trends, patterns, and contributing factors over the specified timeframe. This analysis aims to understand the characteristics of accidents, including their frequency, severity, geographical distribution, and potential causes, to inform decision-making and enhance safety measures on roadways. Skills: Python, Power BI

**CERTIFICATIONS, ACHIEVEMENTS, LEADERSHIP & VOLUNTEERING**

* Volunteered with BHUMI, teaching under-privileged children, promoting gender equality awareness.
* Member of Toastmasters International, Charter member of Capital City Toastmaster.
* Microsoft Azure AI and Power BI Certified, Pursuing Microsoft Fabric Certification

***References Available on Request***