Christopher John

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SUMMARY

Detail oriented Data Analyst with a strong background in Statistical Analysis, Data Visualization, and Data driven decision making. Proficient in using tools in like Python, R, SQL, Alteryx, and data visualization tools like Tableau to extract actionable insights from complex datasets. Experienced in creating and maintaining data pipelines and dashboards that have improved operational efficiency and decision-making process. Proven ability to communicate complex findings in a clear and accessible manner to both technical and non-technical stakeholders. Passionate about leveraging data to drive business growth and support strategic initiatives.

EDUCATION

MSc. Finance   **University College Cork**   **09/2023 – PRESENT**
- ❖ Grade: 1:1 Honours (Sem 1)
- ❖ Skills**:** MS Word, MS Excel, Tableau, Power BI, Alteryx, Professional Reporting, Presentation skills

BEng. (Computer)   **Mumbai University, India**   **09/2019 – 05/2023**
- ❖ Grade: 1:1 Honours (9.6/10)
- ❖ Skills**:** Python, SQL, Data Visualization, Machine Learning, Quantitative Analysis, Data Analytics.

PROFESSIONAL EXPERIENCE

HDFC Bank   **Financial Analyst Intern**   **01/2023 – PRESENT**
- ❖ Integrated interactive Tableau dashboards with SQL Server connection and created weekly update reports.
- ❖ Conducted comprehensive balance sheet analyses, identifying, and flagging high-risk clients, resulting in a 20% reduction in potential credit losses.
- ❖ Forecasted customer deposits with 95% accuracy based on historical data and market consumer cycles, enhancing financial planning and liquidity management.
- ❖ Implemented Montecarlo simulations considering factors such as interest risk and credit risk on the bank's balance sheets, evaluating potential financial outcomes and improving risk assessment by 30%.

Tata Institute of Fundamental Research (T.I.F.R.), Mumbai   **Data Scientist**   **07/2021 – 06/2023**
- ❖ Developed a fully automated surveillance system which flags suspicious activity with 86% accuracy.
- ❖ Assisted in extracting and cleaning large datasets, reducing operational time by 7%.
- ❖ Designed and Implemented 2 Machine Learning systems which improved the existing model's efficiency by 15%.
- ❖ Led a team of 4 and was responsible for providing weekly project updates to stakeholders.

PROJECTS

Excel Data Analysis   **Project Link**   **10/2023 – 11/2023**
- ❖ Developed an interactive Excel dashboard using Pivot Tables and Pivot Charts.
- ❖ Analysed detailed coffee sales data to visualize total sales over time with dynamic filtering.
- ❖ Segmented by Coffee Type, highlighted top 5 customers, and provided sales distribution by country.

Climate Change- Alteryx Data Analysis   **Project Link**   **09/2023 – 10/2023**
- ❖ Examined global temperature data from 1950 onwards to uncover climatic trends.
- ❖ Utilized Alteryx for comprehensive data manipulation and analysis.
- ❖ Objectives included identifying cities with average temperatures of 25 degrees Celsius or higher, determining the country with the highest number of such warm cities, and discovering the years with the highest and lowest average global temperatures.

Interactive Dashboard and Data Analysis   **Project Link**   **09/2023 – 10/2023**
- ❖ Extracted data from SQL Database, performing join operations on 3 relational tables.
- ❖ Connected SQL Server to Tableau for seamless data integration.
- ❖ Developed an interactive dashboard using Tableau for comprehensive data analysis.

PROFESSIONAL CERTIFICATIONS

Python Specialization (2021)
Coursera

Data Analysis in Excel (2023)
Corporate finance Institute

Fundamentals of Alteryx (2023)
Careers 365

INTERESTS AND ACHIEVEMENTS

- ❖ Awarded the CFA Scholarship for outstanding academic performance in Semester 1 of MSc Finance Degree
- ❖ Selected in the University team for CFA Research Challenge
- ❖ Passionate about trading, acquired essential life skills like discipline, patience, risk management, and decision-making.
- ❖ Conducted two technical workshops, during my tenure as the Secretary of the Computer Society of India.
- ❖ Volunteered for beach cleaning with NGO, contributing to environmental conservation.
- ❖ Winner of Inter-collegiate level Hackathon.