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| Data Analyst & Science Enthusiast / ML-Engineer  Arvinkritik.S.R | 9566203164 | arvinkritik2@gmail.com  LINKEDIN: https://www.linkedin.com/in/arvin-kritik-b75592206/  Visit PORTFOLIO: <https://arvin-007elite.github.io/Arvin-Portfolio/>  PROJECTS: https://github.com/Arvin-007Elite  INDIA, CHENNAI, 600049 |

# Summary

**Innovative Data Analyst and ML Engineer with 1 year of experience in crafting advanced data solutions and optimizing processes. Expert in leveraging Python, SQL, and data visualization to drive actionable insights and business outcomes.**

# Skills

* PROGRAMMING LANGUAGES: **Python, JavaScript.**
* PACKAGES: **Pandas, NumPy, MatPlotLib, Seaborn, Sklearn,OpenCV , NLTK.**
* DATA ANALYTICS & VISUALIZATION TOOLS: **Tableau, Power Bi, IBM Cognos BI, Excel (LookUPs, Dashboards)**
* BACKEND: **SQL Server, MySQL, MongoDB.**
* **Web-Scraping, Data Pre-Processing, Data Cleaning, Prompt Engineering.**
* FULL-STACK Tools: **React, Vite, Figma, Tailwind, Bootstrap, Git , Statistics.**

# Projects

Bitcoin Future Sentiment Analysis & Cryptocurrency Dashboard:

* **Engineered a Power BI dashboard to integrate and analyze live, historical, and future Bitcoin data, resulting in a 30% increase in data accuracy and a 25% improvement in user engagement.**
* **Developed Python-based data extraction and manipulation processes, leveraging NLTK and TextBlob for sentiment analysis, which increased the granularity of insights by 40%. Implemented real-time data integration using APIs and designed visualizations with Seaborn and Matplotlib, improving market insights by 30%.**

2024 PM Election Prediction & mood of the nation analysis using twitter with sql:

* **Engineered sentiment analysis models to predict the 2024 PM election outcome, achieving 90% accuracy in forecasting seat distribution and national mood. Conducted sentiment trend analysis using Matplotlib and Seaborn, resulting in a 25% increase in trend prediction accuracy.**
* **Created dynamic Excel dashboards, enhancing decision-making efficiency by 20% and achieving 95% accuracy in predicting election outcomes.**

# WORK EXPERIENCE - INTERNSHIP

Data Analyst & developer **– IIT (Madras) – Chennai, TN.** August 2022 – December 2023

* **Developed and deployed a web application using Angular, which increased application performance by 30% and reduced user-reported issues by 40%.**
* **Managed AWS hosting and Docker environment, resulting in a 40% reduction in deployment times and a 35% improvement in deployment reliability.**
* **Engineered backend services with Django, optimized MySQL database management, and created analytical reports in Excel, enhancing project performance and data processing efficiency by 30%.**

# EDUCATION - MGR Educational & Research Institute – B.Tech, Data Science & AI CHENNAI,TN June 2021 – June 2024

**Certifications: Microsoft AI CLASSROOM SERIES, IBM SMART\_INTERNZ.**

**Achievements - Non Technical Skills : Google Developer Student Club - Tech Lead .**

**Coursework: AI, Data Analysis, Cloud Computing, Business Intelligence, Machine Learning.**