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| Data Analyst  jasuni kanaparthi | (44) 7768697073 | jasunikanaparthi98@gmail.com  https://www.linkedin.com/JasuniKanaparthi/  https://jasunikanaparthi.github.io/Portfolio/  Leicester, LE3 0GU |

# PERSONAL STATEMENT

# As a dedicated Data Analyst, I bring proficiency in tools such as Power BI, TABLEAU, and SQL to extract meaningful insights from diverse datasets. My expertise lies in developing interactive dashboards, conducting thorough data analysis, and ensuring a seamless user experience. With a commitment to staying ahead of the latest trends in data analytics, I am poised to contribute my technical proficiency and analytical acumen to drive informed decision-making in a dynamic and innovative environment.

# SKILLS

* Microsoft Power BI
* Python (Pandas, NumPy, SciPy, matplotlib, BeautifulSoup, Selenium)
* Tableau
* Excel (VLOOKUP, Conditional Formatting, Pivot Tables)
* Web scraping using HTML
* R programming
* SQL
* HP ALM

# EDUCATION

Masters in data analysis for business intelligence – Leicester University – Leicester, UK 2022-2023

Modules: Analysis and Design of Algorithms, Data Mining and Neural Networks, Mathematical Modelling, Linear Statistical Models, Generalized Linear Models.

Majors: Data Analytics for E-Sports, Practical Programming.

BACHELORS in COMPUTER SCIENCE – ST. ANNS COLLEGE – ANDHRA PRADESH, INDIA 2018

Relevant subjects: Numerical Analysis, Applied Statistics, Web Technologies, Foundations of Data Science, Big Data Technologies

Majors: Statistics and Foundations of Big Data.

# PROJECTS

CLASSIFYING KEY SKILLS IN VIDEO GAMES INDUSTRY- python, power BI ***-*** Dissertation Project June 2023

* Utilized **web scraping** techniques in **Python** and used **R, Power BI, and Excel** to create visualizations and dashboards to analyze 7000 games job listings and gain insights on what it takes to land a job in the games industry.
* Achieved an exceptional **84% satisfaction rate** from industrial stakeholders and project mentor, attesting to the project's effectiveness and value.
* Developed a Python script using Selenium and BeautifulSoup to scrape job data from hitmarker.net, ensuring precision through **web automation** and HTML parsing.
* Utilized Pandas for comprehensive data analysis, transforming raw job data into a structured Data Frame, and employed Regex and Web Scraping techniques to identify key requirements in job descriptions. Aggregated and visualized the data using pandas, **matplotlib**, etc., and created a professional report in Power BI using visualizations like Line Charts, **Bar charts, Maps**, Slicers, Treemaps, etc.
* Applied the **geopy library** to geocode job locations, enriching the dataset with latitude and longitude coordinates, showcasing adeptness in geospatial data manipulation.
* Conducted **survey research** to determine player knowledge and interests.

Covid dashboard – *Tableau, SQL* – Personal Project February 2020

* Utilized precise **SELECT** statements for targeted data extraction and dynamic SQL **with UPDATE** for NULL handling, ensuring data quality in the Covid Deaths table.
* Formulated complex queries with mathematical calculations, and deployed **window functions** for cumulative insights, showcasing strong analytical skills.
* Employed **temporary tables** and views for modular data processing, effectively used **JOIN** clauses, and demonstrated proficiency in conditional logic for accurate data handling.
* Developed a comprehensive COVID-19 dashboard using **Tableau Public**, incorporating dynamic visualizations such as maps, tables, bar charts, line charts, and **predictive** analytics.

Housing Market Analysis– SQL, BIgQUERY, EXCEL- Personal Project December 2019

* Executed comprehensive **data cleaning** and statistical analysis procedures in SQL for Nashville housing data, involving date format standardization, handling missing addresses, and breaking down complex address structures.
* Implemented data quality enhancements by addressing **duplicates** through partitioning strategies, ensuring accurate and reliable insights from the dataset.
* Conducted strategic data transformation, including removing unnecessary columns and transforming categorical data, contributing to improved dataset clarity and usability.

# WORK HISTORY

Quality Assurance Test Engineer **–** Canadian National Railways, Infosys –HYD, INDIAJune 2018 - March 2022

* Ensured the robustness of Positive Train Control (PTC) technology, crucial for preventing collisions, overspeed derailments, and ensuring **public safety.**
* Conducted **Defect Analysis** to optimize software for public safety, identified and rectified critical defects directly linked to rail collision prevention, resulting in a 30% reduction in occurrence rate.
* Utilized **HP ALM** and **JIRA** for streamlined test management and defect tracking.
* Prepared comprehensive documents (**BRD, FSD, RTM**) for thorough test data coverage, aligning closely with stakeholder expectations and incorporating user feedback.
* Actively presented **Knowledge Transfer sessions** for 15 Beginners for - Proactive Approaches to Data Efficiency Testing in Public Safety Software.

# AWARDS AND ACHIEVEMENTS

* Received Best Performer of the Quarter and **Rising Star awards** twice at Infosys.
* **Best Woman Employee** Award of the Year at Infosys Received appreciation from the Client and the Internal Team for quality defect reporting and timely delivery of critical timeline tasks.
* Received appreciation from the project manager for providing the Single Point of Contact (**SPOC**) between clients and teammates during the critical testing period.
* Received appreciation from stakeholders for finding critical speed restriction defects by attention to detail which is of public transport safety concern.