**Nandhini kumar K**  
Toronto, ON M4V2R7  
nandhusuji11@gmail.com  
+1 (437) 879-8992  
[My Portfolio link](https://nandhinikumar12.github.io/NandhiniKumar.github.io/)  
[GitHub Profile](https://github.com/NandhiniKumar12)

**PROFESSIONAL SUMMARY**

Detail-oriented data analyst with over 3.3 years of experience in Quality Assurance and a strong foundation in data analysis, visualization, and reporting. Proficient in SQL, Python, and BI tools, with a proven ability to extract insights from complex datasets to drive business decisions. Skilled in collaborating with cross-functional teams to implement data-driven solutions, enhancing operational efficiency and product quality.

**SKILLS**

* **Data Analysis & Visualization:** SQL, MySQL, PostgreSQL, Power BI, Tableau, Snowflake
* **Programming Languages:** Python (NumPy, Pandas), Java, JavaScript
* **Data Tools:** DBT, Visual Studio, Excel
* **Statistical Analysis:** PL/SQL, data mining, and statistical modelling
* **Testing Frameworks:** Selenium, BDD-Cucumber, TestNG
* **Operating Systems:** Windows, UNIX
* **Languages:** English (Fluent), Tamil (Fluent), Telugu (Conversational)

**WORK EXPERIENCE**

**Maveric Systems - Test Associate**  
*Chennai, India*  
*April 2019 - November 2021*

* Developed automation scripts in Selenium with java in Frameworks like TestNG, Cucumber to enhance testing processes, contributing to data collection for further analysis and reporting.
* Created detailed reports and dashboards using SQL and Excel, visualizing key performance indicators (KPIs) to inform stakeholders on product performance and quality.

**Comodo Security Solutions Pvt Ltd - Trainee Research Analyst**  
*Chennai, India*  
*June 2018 - December 2018*

* Conducted data analysis to classify files as safe or malicious, applying analytical techniques to support cybersecurity measures.
* Maintained and managed databases, enhancing data integrity and accessibility for analysis and reporting.

**EDUCATION**

**B.Tech in Information Technology**  
Velammal Institute of Technology, India  
*2018*  
*CGPA: 7.5 (Scale of 10.0)*

**DATA ANALYTICS PROJECTS**

**Data Cleaning Project: World Layoff Analysis**

* Cleaned and transformed a large dataset on layoffs across various industries, ensuring data accuracy and consistency for analysis.

[Data cleaning project Repo](https://github.com/NandhiniKumar12/Data-Cleaning-project_layoff)

**Electric Vehicle Distribution Analysis**

* This project analyses electric vehicle (EV) data to explore trends, insights, and implications for the adoption of electric vehicles across different counties in Washington, United States. The dataset encompasses various attributes related to electric vehicles, including their specifications, registration details, and eligibility for clean fuel programs.

[Electric Vehicle Analysis Repo](https://github.com/NandhiniKumar12/ElectricVehicle-distribution-Analysis)

**Data Professional Survey Analysis Project**

* Conducted a comprehensive analysis of survey data to identify trends and insights related to the data profession, facilitating informed discussions at industry events.

[Data-professional-survey-Analysis-project Repo](https://github.com/NandhiniKumar12/Data-professional-survey-Analysis-project)

**Exploratory Data Analysis (EDA) Project: Layoff Analysis**

* Performed EDA on layoff data to uncover patterns and trends, presenting actionable insights to support workforce planning.

[EDA-project layoff-across-the-world Repo](https://github.com/NandhiniKumar12/EDA-project_layoff-across-the-world-during-the-pandamic)

**Sales Value Analysis Project**

* Analysed sales data to identify key drivers of revenue growth, employing statistical methods to forecast future sales performance.

[Sales value Analysis project Repo](https://github.com/NandhiniKumar12/Sales-value-analysis-project)

**ADDITIONAL INFORMATION**

* Actively pursuing certifications in Data Analytics and Data Visualization to strengthen analytical skills and technical proficiency.

**PORTFOLIO**

* View my portfolio for detailed project descriptions and code samples: [My Portfolio link](https://nandhinikumar12.github.io/NandhiniKumar.github.io/)