

# PRAVEEN KUMAR S R

DATA ANALYST

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## Summary

Data Analyst with 3+ years of experience in data analysis, data validation and automation. An Avid learner on the path to integrate my passion for Data, seeking to leverage my analytical skills and programming knowledge to develop innovative solutions that drives business growth and improve decision-making processes.

## Skills & Tools

Exploratory Data Analysis	Python	SQL	PySpark	MS Excel
Data Visualization	MS Power BI	Tableau	Data Warehousing and ETL	Snowflake
AWS Athena	Teradata	MongoDB	Mainframe	Presentation, Communication Skills

## Experience

COGNIZANT

Senior Test Analyst

October 2023 - Present

Chennai

- Automation Architect:** Designed and implemented a comprehensive automation framework integrated with CI/CD pipeline, collaborating closely with the DevOps team to optimize regression testing process, significantly improving efficiency and test coverage.
- Data-Driven Test Automation:** Developed a Python-based tool incorporating modules such as PyQt5 for the interface, Pandas and PySpark for data processing to monitor data loads in databases and automatically trigger test executions and notifying end-users upon completion.
- NoSQL Proficiency:** Demonstrated expertise in validating NoSQL database (MongoDB), developed Python-based JSON comparison tool to ensure data consistency. Proficient in schema-less data modeling and query optimization within the NoSQL environment.
- Data Analysis & Validation Expertise:** Applied strong analytical skills and performed functionality checks to validate data across cloud and on-prem databases, including Snowflake and AWS Athena, ensuring data integrity during migrations.
- GenAI Integration:** Utilized Generative AI technologies to continually enhance data analysis methodologies and automation strategies, staying at the forefront of technological advancements.

COGNIZANT

Test Analyst

September 2021 - October 2023

Chennai

- SQL & ETL Analysis:** Developed complex SQL queries to analyze ETL processes and database functionalities, primarily working with Teradata, and provided critical insights into data quality and database consistency.
- Cloud Migration & Data Validation:** Played a pivotal role in the migration of databases from on-premises to cloud platforms, conducting thorough data analysis and validation to ensure smooth transitions and data fidelity.
- Data Analysis & Automation Tools Development:** Led the development of automation tools using Python and Jupyter Notebook, focusing on enhancing database validation processes.
- Process Optimization:** Demonstrated expertise in identifying process inefficiencies and developing automated solutions to enhance data validation and testing accuracy. Key projects included the automation of DDL validation between on-prem and cloud databases, resulting in significant time savings and improved data accuracy.

## Education

VELAMMAL ENGINEERING COLLEGE

BACHELOR OF ENGINEERING, MECHANICAL

July 2017 - July 2021

## Certifications

AWS certified Cloud Practitioner

Amazon Web Services

September 2023

[AWS certified Cloud Practitioner Certificate Credentials](#)

Data Science Immersive Bootcamp

Analytics Vidhya

November 2022 - July 2024

[Data Science Immersive Bootcamp Certificate Credentials](#)