# Srinivas   9666710741| www.linkedin.com/in/srinivasa-rao-dantala/|srinudantala558@gmail.com

Data analyst with **3 years** of data analysis experience in the **healthcare** and **finance** industry.

## Skills

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|---|---|
| **Programming** | Python, R, SQL, Excel VBA Macros |
| **Visualization** | Tableau, Power BI, Excel Charts, Jupyter Notebook |
| **Database** | SAP S/4 HANA, MySQL, Apache Hadoop |
| **Statistical Analysis** | Probability, Statistical Techniques |

## Experience

Oct 2023 - PRESENT

**Codebasics**  - *Data Analyst*

- Established a system to classify different health care documents (prescriptions, doctor notes, equipment orders) using **python tesseract** and **Regex**, which accelerated SLA for the classification process from **50 minutes** to **2 minutes** per document.
- Prepared **40**+ BI dashboards in **Power BI** for month-on-month insurance business reports.
- Evaluated and analyzed around 1000+ insurance claims using **Excel V-lookup, Chi-square, Normal, and T-distribution** and eliminated **outliers** using **Python** and **Pandas**
- Assisted businesses in determining optimal pricing strategies by analyzing data trends of 1-year data, identifying relevant business insights, and using time series analysis in **Excel** to forecast future trends.

Apr 2021 - Jul 2023

**Tata Consultancy Services, Hyderabad – System Engineer**

- Performed root cause analysis for bad data by querying almost **2 million records** and then loading them in a **jupyter notebook**. The data was stored in Apache Hadoop.
- Closely coordinated with data engineers to understand the structure of data and wrote Python routines to collect the desired dataset. This project identified **3+** inefficiencies and a lack of validations in the business processes of ABX Financial.
- Demonstrated the findings to senior management to address the lack of validations which resulted in implementing strict enforcement of loan and credit validations and saved the company **1.5 million $** in credit and loan fraud.
- **Designed and implemented ETL processes**, handling data from multiple sources such as SQL databases, flat files, and cloud services. **Implemented data security measures** in ETL processes to comply with data governance and regulatory requirements.

## Projects

Jan 2024 - Feb 2024

**Business 360 -** *Brick & mortar and e-commerce*

- Designed a multi-view dashboard in Power BI for 6 departments (sales, finance, supply chain, executive, marketing, and products) of AtliQ hardware to understand sales trends and facilitate data-driven decisions, which aimed to scale the business processes by 10%.
- Imported 2 different data sources (MySQL, and Excel) with more than 1 million records and performed data modeling.
- Optimized the report using DAX studio, which saved 30% of storage and improved performance by 10%

## Certifications and Awards

- IBM professional data analysis with python certification
- IBM professional SQL and Relational Databases 101 certification
- Contributed to pandas open source

## Interests & Hobbies

**Favorite Books:** The Magic of thinking BIG, Atomic Habits
**Favorite Podcasts:**  Data Skeptic, Lex Freidman Podcast

## Education

Aug 2016 - Sep 2020

- Guru Nanak Institutions Technical Campus, Hyderabad - *Bachelor in Computer Science and Engineering.*