

**Krishna K**

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## **PROFILE SUMMARY**

- 8+ years of data related experience in Data Analyst and Data Scientist.
- Experience in data manipulation skills using SQL, Pandas, NumPy, Matplotlib, Seaborn and Scikit Learn.
- Developed multiple dashboards and enhance the feature of QlikView and Power Bi
- Strong experience in creating database objects like tables, Stored Procedures, Views, User defined data types, Triggers and Indexes. And managed the delivery of database objects from Development environment to Production environment
- Experience in Performance tuning activities to improve the performance for SQL scripts and Indexes.
- Expertise in Machine Learning Algorithm in Linear Regression, Logistic Regression, Decision Tree and Random Forest.
- Experience on data science with strong data Analytics & Statistical Inferences background using Machine Learning.
- Perform Data preprocessing like cleaning (for outlier, missing values analysis, etc.) and Data Visualization (Scatter Plots, Box Plots, Histograms, etc.) using Python and R Programming.

Skill	Experience
Python , Data Analyses	3 Years
SQL Development and DBA	3 years
Business Intelligence (Power BI , Qlikview)	2 Year
Machine Learning Algorithm, Data Science	1 year

## **EDUCATION:**

- Bachelor of Engineering in Computer Science from University of Madras

## **WORK EXPERIENCE**

**Services SETA**

**Jan 2020 - Till now**

**Senior Data Analyst**

**Roles & Responsibilities:**

- Attend deliverable meeting and Gain functional knowledge.
- Gather data from LMIS and LIPC system for Learners, Providers, Employers and associated learnerships.
- Data Manipulation and find out missing values and submit the deliverables to SAQA and DHET.
- Document the deliverable and process.
- Prepare Dashboard based to report the data to Business.

**Citibank**  
**Data Scientist**

**October 2018 - November 2019**

**Roles & Responsibilities:**

- Attend development work prioritization meetings
- Analyzing business requirements and Interact with customers.
- Building and implementing various machine learning algorithm from scratch and deploying it to client server.
- Extracted and analyzed large dataset from different source systems to draw business insights and to find patterns to support decision making.
- Performed data cleaning, data manipulation procedures to optimize datasets for data analysis.
- Worked on Clustering and Classification of data using machine learning algorithms.

**Momentum**  
**Data Analyst**

**July 2015 – August 2018**

**Roles & Responsibilities:**

- Involved in Requirements understating from the team lead and designed Data Modelling, ETL/Report design.
- Database Design and Creating database objects and relationships in DB2.
- Maintain database object changes (DB2) movement from DEV to Production along with application delivery.
- DB2 Performance tuning activities to improve the Multiply Online Portal.
- Remove unused events data from the Production database after Archiving of data (DB2 Database).
- Build Dashboard development based on customer requirement in Python
- Processing, cleansing, and verifying the integrity of data used for analysis in Python.

**Tata Consultancy Services Limited**  
**Sr. Data Analyst**

**August 2011-June 2015**

**Roles & Responsibilities:**

- Building analytical dashboards using Power BI to help business partners in better decision making
- Different internal data sources understanding to prepare data blending and data joining to meet the customer requirement
- Database Design and Creating database objects and relationships.
- Database Migration Activities for DB2
- Database support for development team and operation support for Production databases.
- Environment Build activities to push Production data to dev/Test for testing