

AMRITA DE

Mumbai, India | 8777757784 | deamrita2015@gmail.com | <https://www.linkedin.com/in/amrita-de-8109b2125/> | <https://deamrita.github.io/>

EDUCATION

Tata Institute of Social Sciences, Mumbai

April 2023

M.Sc. *Analytics*

Government College of Engineering and Textile Technology, Kolkata

June 2019

B.Tech. *Computer Science and Engineering*

CGPA 8.93

TECHNICAL SKILLS

Programming: Python3, R, SQL, Programming concepts, Statistical analysis

BI and Visualization and other tools: Tableau, GGPlot2, Matplotlib, Power BI, Advanced Excel (Power Query, Pivot Tables, VLOOKUP, Dashboarding), Online visualization tool.

WORK EXPERIENCE

Intern at IndiaSpend (India's first and most extensive Data Journalism Initiative)

November 2021- January 2022

Mumbai, India

- Analyzed open Govt. datasets to report on national trends especially on the [health situation](#) in India.
- Extensively used Tableau and other online visualization tools to build graphics and visualizations for news reports published on the platform.
- Extensively analyzed and covered state-wise NFHS-5 data on women and child health and made three [DataViz stories](#).
- Analyzed the covid19 data for all states to understand the latest omicron surge based on no. of new cases, doubling time, and R-value and made one DataViz story. The news report also got published in [Business Standard](#).

System Engineer at Tata Consultancy Services (Oracle EBS HRMS, Oracle SQL, MS Excel)

June 2019-August 2021

Kolkata, India

- Created reports by joining multiple tables from multiples databases using complex SQL queries.
- Analyzed massive and highly complex data sets, performing ad-hoc analysis and data manipulation.
- Coding in PL/SQL for new developments and Code enhancements across various modules in Oracle Human Resource Management System for an Australian airlines company.
- End to end development, requirements gathering, Configuration, Coding, Testing, Debugging, Documentation of techno-functional components for several implementation projects.
- Monitored and implemented bi-weekly changes. Played a significant role in supporting System testing and User Acceptance Testing.
- Interacting with users to understand their problems and providing them timely, better solutions with zero customer escalation.
- Working in an offshore-onshore model. Maintaining and managing co-ordination in the team. Received multiple appreciations and recognitions from customers and colleagues for technical expertise, quick learning, and prompt solution providing.

ACADEMIC PROJECTS

Airbnb US 2020 Data analysis

Using Tableau, MS Excel

- Created two Interactive dashboards in Tableau to visualize the popularities of listings on price, room type, preferred months to travel, avg. trip duration among Americans, location of listings in map, popularity of hosts etc.

ICC Men's T20 World Cup Data Analysis

Using Tableau, MS Excel, SQL

- Created Interactive dashboards in Tableau to visualize records from past seasons (2007 to 2016) including different viz. like top Batters with most runs, Best Strike Rates, most no. of 6's, players with most no. of catches, etc.

Investigating Netflix movies

Using Python

- Applying the foundational Python skills by manipulating and visualizing movie and TV data using pandas and matplotlib.

Worldwide Covid19 Data Analysis Oct2021

Using SQL

- Analyzed worldwide covid19 data (total infection, deaths, Vaccination rate) using SQL concepts.

ACHIEVEMENTS AND CERTIFICATIONS

- Won **TCS Star of the Month Dec 2020** for exceptional performance in data masking activities and delivering a timely solution.
- Oracle certified implementation specialist (EBS HCM)
- Member of **TISS analytics website development team Drishti** <https://tissanalytics.com/>