

**CAREER OBJECTIVE:** Highly skilled Data Analyst with a proven track record of using tools such as Power BI, SQL & Excel to analyze complex datasets, identify trends, and solve business problems. Eager to apply my expertise & grow with the organization.

TECHNICAL SKILLS

- T-SQL
- Python (DS)
- Advanced Excel
- Power BI
- Power Query
- Power Automate
- Numpy, Pandas
- Matplotlib, Seaborn

CERTIFICATIONS

- Google Data Analytics Prof. Certificate, Coursera, 2024
- Microsoft Power BI Data Analyst Professional Certificate, Coursera, 2024

SOFT SKILLS

- Problem Solving
- Critical Thinking
- Communication
- Time Management
- Adaptability
- Team Work

EDUCATION

- (Pursuing) Executive Post Graduate Certification in Data Science & AI, IIT Roorkee
- BE in Electronics & Communication from Netaji Subhas Institute of Technology, University Of Delhi

PROFESSIONAL EXPERIENCE

- Data Analyst (JSO) in M/o Statistics & PI: [2018 - Present]**
- Automated the process of ETL in **Power BI** using **Power Query**.
  - Created an **Excel Utility** to **automate** the process of intense **Data Cleaning** & increased the efficiency of the team by almost 100% along with lesser human intervention.
  - Performed **Statistical Analysis** on parameters such as Crop Weight & Area Sown to calculate crop yield (in Kg./Hect.) & production (in tonnes) for the state as a whole along with variance, standard deviation and standard error.
  - Forecasted Estimate Yield on reports created using the yield data for past & present.
- IT Analyst & Developer in Tata Consultancy Services Ltd.: [2013 - 2018]**
- **Developed** new functionalities in existing TCS-BaNCS web application using **JAVA, Javascript, CSS & SQL** along with its unit testing.
  - Provided **end-to-end functionality** to TCS-BaNCS web application based on client's requirements.
  - Created an **Excel Utility** to identify the bugs faced by Client and thereby increasing the Efficiency and Productivity of the team by 59% during identification of the bugs, claiming the award for employee of the month.

PROJECTS

- 1) Improvement of Crop Statistics (2024-Present):**
- **Situation:** Conducted an in-depth review of crop area and yield statistics in Gujarat & Tamil Nadu.
  - **Task:** Developed a comprehensive data analysis report to identify discrepancies and improve data accuracy.
  - **Action:** Analyzed large datasets on crop areas and yields, detected discrepancies using statistical tools, and visualized findings through charts and tables. Collaborated with states to ensure timely reporting and identifying system gaps. Suggested corrective measures for field operations and training programs.
  - **Result:** Report highlighted key discrepancies and experimental errors, leading to adopted recommendations by the Department of Economics & Statistics in Gujarat & Tamil Nadu. Improved reliability of agricultural statistics, aiding accurate planning and resource allocation.
- 2) All India Debt & Investment Survey (2023-24):**
- **Situation:** Analyzed data from the All India Debt & Investment Survey (AIDIS) for rural and urban households to generate insights for government and policymakers.
  - **Task:** Designed a comprehensive data analysis report highlighting key indicators like asset values, indebtedness, and debt-asset ratio using statistical and visualization tools.
  - **Action:** Compiled and analyzed data from over 100,000 households using Excel and statistical software. Created visualizations to represent trends in asset ownership, debt distribution, and rural-urban comparisons. Structured the report for both technical and non-technical audiences.
  - **Result:** Delivered a detailed report that informed policy adjustments on rural credit and financial inclusion, praised for its clarity and impact on national economic policies.
- 3) Drinking Water, Sanitation, Hygiene and Housing Condition (2022-23):**
- **Situation:** Analyzed data from NSSO survey on drinking water, sanitation, hygiene, and housing conditions across 100,000+ households in India.
  - **Task:** Summarized key trends and created a comprehensive report with data visualizations to highlight crucial findings for policy discussions.
  - **Action:** Employed advanced data analysis methods, created bar charts, pie charts, and comparison tables, and conducted statistical analysis to ensure data accuracy across demographic segments.
  - **Result:** Presented critical insights into water and sanitation disparities between rural and urban areas, supporting policy improvements and further research. The report became a key resource for GOI in infrastructure planning.