**Gaurav Singh | Statistical Analyst**

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With 5+ years of experience as a Statistical Analyst and more than 12 years of strong background in logical thinking and analytical programming, I strive to bring high-quality business intelligence solutions to businesses seeking higher efficiency along with expertise in advanced Statistical, Machine Learning and Forecasting algorithms. I have also developed automations that reduced data processing time by 60% and led national crop yield and production analysis projects.

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| **PROJECTS**  ***Marketing Manager***  Developed new scoring  **PROFESSIONAL EXPERIENCE**  ***Statistical Analyst* (August 2018 – Preset)**   * Scraped data from 22 different state and union territories government websites using MS Power Automate, along with SQL Server databases and surveys, applied ETL (Extract, Transform & Load) process, cleaned and preprocessed the data. * Performed Statistical Analysis on Sample Crop Weight, Area Sown & agricultural ratios to predict population crop yield & production of the country along with statistical tests (independent samples T-test & paired sample T-test) to infer any significant changes. * Developed Reports and Dashboards to support data driven decision making and policy formation. * Created a Power Query Utility to automate the process of ETL and intense Data Cleaning, thereby, reducing the time consumed by 65% & improving the over-all efficiency of the team by 46%.   ***IT Analyst* (November 2013 – June 2018)**   * Developed new functionalities in existing TCS-BaNCS web application using JAVA, Javascript, CSS & SQL along with its unit testing and provided end-to-end functionality based on client's requirements. * Created an Excel Utility to identify the bugs faced by Client and thereby increasing the Efficiency & Productivity of the team by 59% during identification of the bugs, claiming the award for employee of the month. * Maintained responsibility for daily production issues in tax lots module for 3 different international banks across Europe and the U.S. | **SKILLS**   * *Language*: Python, SQL, Java, C * *Library*: NumPy, Pandas, Scikit-Learn, SciPy * *Data Analysis*: Power BI, Excel, Tableau * *Data Visualization*: Matplotlib, Seaborn, Power Bi, Excel * *Machine Learning*: Regression, Classification, Time Series Forecasting * *Tools*: Jupyter Notebook, Git, SQL Server, Power Automate * Hypothesis Testing * Analytical Thinking * Problem Solving   **CERTIFICATIONS**   * Google Data Analytics Professional Certificate, Coursera, 2024 * Microsoft Power BI Data Analyst Professional Certificate, Coursera, 2024   **EDUCATION**   * Executive Post Graduate Certification in Data Science & AI, IIT Roorkee, 2025 * Bachelor of Engineering in Electronics and Communication University of Delhi, 2013 |