

ISHAN CHAURASIA

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FUNCTIONAL AREAS

- Data Cleaning and Pre-processing
- Data Visualization
- Database Management
- Extract Transform Load (ETL)
- Exploratory Data Analysis (EDA)

TECHNICAL SKILLS

- **Data Analysis & Visualization:** Power BI, Looker, Matplotlib, Seaborn
- **Data Processing & Management:** MS Excel (Pivot Tables, Power Query, Charts, LOOKUPS, Conditional Formatting, Dashboards, MIS), SQL (Merge, Group, Joins, Aggregation, Window Functions, CTE, SSIS)
- **Programming:** Python (NumPy, Pandas)
- **ETL Processes:** Extract, Transform, Load (ETL), Azure Data Factory

VIRTUAL EXPERIENCE

iNeuron.ai

- Data Analyst Intern 08/2023 – Present
 - Elevated data integrity by thoroughly **cleaning and pre-processing over 50,000 records**, showcasing competence in data cleansing techniques.
 - Designed an interactive Power BI dashboard, revolutionizing sales metrics visualization, leading to a **30% improvement in data interpretation** and more informed decision-making.
 - Composed comprehensive documentation outlining data cleaning procedures, boosting operational efficiency by reducing errors and saving an estimated **15 hours per week**.

The Sparks Foundation

- Data Analyst Intern 04/2023 – 05/2023
 - Executed an in-depth Exploratory Data Analysis on the Global Superstore dataset, removing redundancies and correcting inconsistencies, thereby optimizing data accuracy, improving decision-making, and increasing **operational efficiency by 20%**.
 - Utilized pandas for an extensive analysis of sales and profits, identifying top-selling products annually and monthly. Expertly visualized data using matplotlib and seaborn, creating over **10 detailed charts** and graphs that enhanced business insights.

Forage

- Developed a customized Power BI Dashboard for Tata and PwC, improving project data analysis. Resulted in a **25% reduction in project timelines** and **30% cost savings**.
- Spearheaded exploratory data analysis initiatives, uncovering actionable insights that positively influenced decision-making processes and project outcomes, resulting in a **10% increase in efficiency** and a **20% improvement in project success rates**.

PROJECTS

- **Tweet Analysis Dashboard:** Established and implemented diverse Key Performance Indicators (KPIs) for tracking tweet count, retweets, impressions, and engagements, creating a comprehensive Twitter activity assessment.
- **HR Analytics Attrition Analysis:** Applied SQL for efficient analysis of employee attrition rates, leveraging dataset analysis to identify and quantify the organization-wide **attrition rate at 16.12%**.
- **Road Accident Analysis:** Optimized data integrity by rectifying inconsistencies, null values, and incorrect inputs using Power Query Editor, resulting in a **25% improvement in accuracy and reliability** of road accident analysis data.
- **Global Terrorism Dashboard:** Leveraged Power BI to analyze global terrorism data, highlighting the Middle East/North Africa as the most affected region with **7,000 attacks**; identified explosives as the predominant weapon and bombings as the primary attack type with **77,000 incidents**.
- **Cohort Analysis:** Crafted a Power BI dashboard for comprehensive cohort analysis, showcasing advanced analytics skills. The findings revealed a consistent **30% customer retention** rate over a **24-month** period.

EDUCATION

- **Master of Social Work** 07/2015 – 09/2017
 - Sam Higginbottom University of Agriculture, Technology & Sciences
- **Bachelor of Commerce** 04/2012 – 06/2015
 - University of Allahabad

VOLUNTEER EXPERIENCE

- Coordinated a community-driven initiative to support **50+ daily wage earners** amidst the Covid-19 crisis; provided vital assistance in the form of food, masks, and sanitation measures, significantly improving their quality of life during these challenging times.

CERTIFICATION

- **Microsoft and LinkedIn:** Career Essentials in Data Analysis
- **Microsoft Certified:** Associate Power BI Data Analyst (ongoing)