

ISHAN CHAURASIA

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FUNCTIONAL AREAS

- Data Cleaning and Pre-processing
- Extract Transform Load
- Data Visualization
- Exploratory Data Analysis
- Statistical Analysis
- Database Management

TECHNICAL SKILLS

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

VIRTUAL EXPERIENCE

iNeuron.ai

- **Data Analyst Intern** **06/2023 – Present**
 - Optimized data accuracy by expertly cleansing and pre-processing **50,000+ records**, leading to a **35% increase in data reliability** and improved decision-making capabilities for the analytics team.
 - Engineered a robust Power BI dashboard, optimizing data visualization for informed decision-making and intensifying sales focus, resulting in a **30% increase in decision efficiency**.
 - Created thorough documentation detailing data cleaning procedures, enhancing operational efficiency by reducing errors and saving approximately **15 hours per week**.

The Sparks Foundation

- **Data Analyst Intern** **04/2023 – 05/2023**
 - Performed an in-depth Exploratory Data Analysis on the Global Superstore dataset, eradicating redundancies and resolving inconsistencies. This enhanced data accuracy, improved decision-making, and boosted **operational efficiency by 20%**.
 - Leveraged pandas for thorough sales and profit analysis, pinpointing top-selling products annually and monthly. Utilized matplotlib and seaborn to create over **10 detailed charts**, enriching business insights.

Forage

02/2023 – 04/2023

- Crafted a customized Power BI Dashboard for Tata and PwC, augmenting project data analysis. Achieved a **25% reduction in project timelines and 30% cost savings**.
- Directed 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:** Employed SQL for effective analysis of employee attrition rates, utilizing 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:** Exploited 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:** Applied Power BI 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

VOLUNTEER EXPERIENCE

- Organized 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

- **Career Essentials in Data Analysis by Microsoft and LinkedIn**