Naman Agarwal Solution Analyst

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SKILLS

- Tableau, Advanced Excel, Python Libraries (NumPy, Pandas, Matplotlib, Seaborn), SQL, Power BI, Exploratory Data analysis, Data Analysis, Data Visualization, Data manipulation, Python, Statistics and Probability, Problem Solving, Data Modelling,Analytical Reasoning

EXPERIENCE

Solution Analyst Sep 2019 - Present

Ericsson India Private Limited Gurgaon

- **Data Collection**: - Collaborated closely with telecom stakeholders to understand business needs, gathered and curated diverse datasets from telecom sources, and established a comprehensive data repository for analysis.
- **Data Cleaning and Preprocessing**: - Employed advanced SQL techniques to efficiently query and preprocess telecom data, reducing data cleaning time by 20% and ensuring data accuracy for subsequent analysis in SQL and Excel.
- **Insightful Reporting and Visualization**- Produced insightful reports and interactive dashboards using Tableau/Power BI, enabling higher management review and decision-making, resulting in a 15% increase in actionable insights.
- **Statistical Analysis**: - Leveraged Python libraries to conduct predictive analysis, accurately forecasting customer requirements and contributing to a 10% reduction in resource allocation inefficiencies.
- **Monitoring and Evaluation**: - Established robust KPI monitoring systems, enabling continuous evaluation of network performance for service providers, resulting in a 25% improvement in network reliability and customer satisfaction metrics.
- **Communication and Collaboration**: - Actively engaged with stakeholders to understand business objectives, translating them into analytical requirements, ensuring alignment between analytical outputs and strategic goals, and achieving a 30% increase in stakeholder satisfaction.
- **Problem-Solving Approach**: - Led the design and implementation of telecom network enhancements based on thorough analysis and requirements gathering, resulting in a 40% increase in network bandwidth, significantly improving end-user experience and customer retention rates.

PROJECTS

https://github.com/Naman4596?tab=repositories

Analyze and generate insights for an OTT platform in deciding type of content to produce.

- Utilizing Python libraries, transformed and analyzed data to explore diverse parameters and discern user preferences, subsequently recommending personalized content that is projected to increase user screen time on the OTT platform by 20%.

Analyze the dataset of a retail store to extract valuable insights and provide recommendations.

- Proficiently executing data manipulation tasks in SQL, extracted insightful information concerning customer preferences and formulated actionable recommendations directed at enhancing sales across stores in diverse states, targeting a 10% increase.

Represent the sales and profit trend for a superstore to show business performance in market.

- Effectively utilizing Power Query Editor within Power BI, transformed the dataset, projected key indexes, and unearthed diverse trends within the data, showcasing the business performance over a span of 3 years.

Represent the sales and profit summary for a superstore to show business strength in market.

- Using Tableau, analyzed sales and profit data, identifying trends, and then created interactive dashboards highlighting the contributions of states and categories over 3 years of Superstore data.

Identify the characteristics of the customers for a product to provide a better recommendation.

- Employing statistical parameters such as median and mean, crafted customer profiles based on purchase behavior and socio-economic characteristics, which were then utilized to recommend products tailored to specificcustomer segments, with the objective of boosting sales by 10% through targeted marketing initiatives.

Analyze the customer purchase behavior from sample data and conclude findings for population data.

- Analyzed customer purchase behavior across various customer features and applied the Central Limit Theorem (CLT) and confidence intervals to generalize findings to the population data, recommended targeted actions for each feature aimed at attracting more customers and increasing sales by 10%.

ACHIEVEMENTS

- By meticulously analyzing the data and implementing actionable insights, effectively delivered a customized solution for our client, resulting in a significant 5% reduction in churn rate and an impressive 13% boost in customer satisfaction rating.
- Cleared HackerRank basic, intermediate, advance SQL assessments.
- Solved 1000+ data analytics questions.

EDUCATION

Narsee Monjee Institute Of Management Studies 2024
Distance MBA | 8 CGPA

Scaler 2023
Specialized in Data Science & Machine Learning

Galgotias College of Engineering and Technology 2019
BE/B.Tech/BS 76.5%