Pranav Panchal

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PROFESSIONAL EXPERIENCE

Sally Beauty, *Denton, Texas***.**   **Jun 2023 - Aug 2023**
Merchandising Analyst Intern

- Spearheaded metrics development to track vendor performance, revealing a $30 million increase in costs for the top 10 vendors from previous year, resulting in a 10% improvement in vendor cost management.
- Crafted highly interactive and visually appealing Tableau dashboards to effectively communicate cost data insights, driving a remarkable 35% improvement in data-driven decision-making within the organization.
- Implemented Alteryx for data preprocessing and analysis, reducing data processing time by 30%, streamlining workflows, and significantly increasing analytical efficiency, thereby facilitating faster insights generation and informed decision-making across the organization.
- Conducted a three-year analysis of vendor data, identifying a 10-15% cost escalation equating to approximately $100 million, and proposed actionable solutions to curb costs and enhance financial efficiency.

Global Vox, *Ahmedabad, India.*
Business Analyst   **Jul 2021 - Jun 2022**

- Analyzed user behavior data to optimize product features, increasing user engagement by 25% and reducing churn rate by 20% within six months, leading to a 15% boost in MRR.
- Developed dashboards and reporting systems to track KPIs weekly, providing real-time insights into business performance, and improving customer retention rates by 15%.
- Analyzed company financial data to identify cost-saving opportunities, implementing strategies that decreased operating expenses by 10% and improved profit margins by 5%.
- Maintained and optimized BI tools and dashboard solutions, resulting in a 30% increase in data accuracy and availability.

EDUCATION

The University of Texas at Dallas   **Aug 2022 - May 2024**
Master of Science, Business Analyst.   GPA 3.52/4.00
Indus University, Ahmedabad, India   **Jul 2017 - Jun 2021**
Bachelor of Technology, Information Technology   GPA 4.00/4.00

SKILLS AND CERTIFICATIONS

Certifications: AWS Cloud Practitioner, AWS Cloud Essentials, MongoDB, SQL (Solo learn).
Hard Skills: Data Warehousing, Data modelling, Integration, Scripting, Programming, OLAP, SQL Server Integration Services, Data mining, Data visualization, Statistical model.
Techniques: Microservices, Data pipelines, ETL development, Big Data Analytics, Agile Methodologies, SAP BW.
Tools: SQL, PostgreSQL, MongoDB, Oracle, Hadoop, Tableau, Advance Excel, AWS, Azure, Power BI, R, Apache spark Alteryx, Hive, Impala, Quick Sight.

PROJECT EXPERIENCE

Risk Financial Model Development   **Jan 2023 - Jun 2023**

- Conducted sensitivity analysis to identify key risk factors and their potential impact on investment returns, leading to the optimization of asset allocation strategies and a 10% increase in risk-adjusted returns.
- Incorporated advanced statistical techniques to analyze historical data and simulate various risk scenarios, resulting in a 15% reduction in portfolio volatility.

Customer churn prediction model   **Jan 2023 - May 2023**

- Designed and implemented a customer churn prediction model using Apache Spark and Python on AWS, which achieved an accuracy rate of 89% and reduced customer churn rate by 17%.

NYC Yellow Taxi Case Study using Hadoop (Hive)   **May 2021-Jun 2021**

- Acquired expert-level proficiency in HiveQL, including advanced features like partitioning and bucketing, leading to an 18% improvement in query optimization.

Sales SuperStore (Deep Data Analysis)   **Jun 2020 - Aug 2020**

- Developed a strong understanding of Tableau's functionality and features, such as calculated fields and level of detail (LOD) expressions, resulting in a 25% increase in Tableau proficiency and a 20% increase in data visualization skills.

LEADERSHIP EXPERIENCE

Computer Engineering Student Association, Management Head, India.   **Sep 2018 - Aug 2020**

- Managed 20+ successful technical/non-technical events, over a span of 2 years.