VINAY KUMAR VASCURI
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EDUCATION

University of Utah, David Eccles School of Business, Salt Lake City, Utah, USA

Masters (MS) in Business Analytics **(MSBA), GPA- 4.0/4.0**   *Aug 2022 to Dec 2023*

Relevant Courses: Data Visualization, Machine Learning, Big Data Analytics, Statistics, Statistical modeling, Data Mining, Database Theory-Conceptual & Logical Modeling, DBMS- Relational Database, Supply Chain Management

Andhra University, India

Bachelor of Engineering (B.E) -Electronics & Communication engineering, **GPA- 8.87/10.**

SKILLS

- R, SQL, Python, Tableau, Power BI, Jupyter Notebook, Google Colab, DOMO, NumPy, Pandas, Oracle cloud, SharePoint, SQL Server, Advanced Excel (Pivot Tables, Micros), MS Office Suite, Project Management, Agile, Data Analysis, Spreadsheet, Smartsheet, Hacker Rank certified SQL (Intermediate) professional, SAP-ERP.

ACADEMIC PROJECTS

- Case studies on Flight Delays at RegionEx& Conley Fisheries - R markdown with Tidyverse, Rpart packages.
- Reverse Engineering of Venmo (Digital payment app) -Transactional Database using advanced SQL.
- An analysis on Customer churn at Mega Telco & Staffing inefficiency at Advise Invest- Supervised Learning
- Developed dashboards in **Domo-Layton Hackathon**- Nov'22- by ETL and Beast Mode- SQL, R, Auto ML- presented key findings to a panel of judges.

PROFESSIONAL HIGHLIGHTS

University of Utah, Salt Lake City   *Sep 2022 to till date*

- Working as **Graduate Teaching Assistant** at Dept of Marketing managing Graduate and Undergraduate students in the subjects of Business Analytics and Statistical concepts.

Bharat Heavy Electricals Limited, (BHEL), India, www.bhel.com

Operations & Business Analyst, BHEL Project Management Group   *April 2018 to July 2022*

- **Data Visualization:** Visualized and created dashboards of large sets of process plant data using Tableau to identify trends and patterns. Supported decision-making processes led to an increase in uptime of system by 10%.
- Contributed and assisted to inter-disciplinary project teams with overall analysis, project forecasting, logical testing, identifying project risks, quality assurance, and post launch support as required reducing lead time by 12%.
- Interpreted data to identify business trends, conducted root cause analysis of the problems, and suggested areas for improvement. Implemented PADO system in coordination with Engineering teams across various projects that improved the operational efficiency by 2%.

Project Analyst, BHEL Operations Group   *May 2014 to March 2018*

- Developed custom reports and dashboards that provided information on KPI's for internal and external stakeholders increasing productivity by 5%.
- **Project Management:** Contributed to process improvement and system enhancement by working with cross-functional teams decreased the project life cycle time by 3.5 months in 36 months project.
- Collaborated with IT teams to integrate data systems and ensured data security and compliance.
- Gathered, structured, and analyzed data from multiple complex data sources into actionable business insights using industry-standard tools and technologies resulting in 10% lead time reduction.
- Cleaned, transformed, and modeled data from multiple sources to ensure data accuracy and consistency.
- **Consulting Experience - Acted as Technical Consultant at** *Sendou power station-1x125 MW Senegal, West Africa.*

Data Analyst, Chandrapur Project, India   *May 2013 to April 2014*

- **Data Analytics & Report Generation-** Monitored and directed performance of vendors and generated monthly feedback reports for management. Conducted Milestone Audits that assisted management in taking timely decision reducing the overall project schedule by 2 months.

REWARDS & CERTIFICATIONS

- **Datacamp Certifications** –R, SQL, Tidyverse, Tableau. **IBM Certification**– Data Analytics, Excel for Data Analysis.
- Best Executive Award from BHEL Top management in 2018 out of 1500+ executives.

ACTIVITIES

- Member of TEK Club, University of Utah – A 200-member club for building a peer network.
- Volunteered at Silicon Slopes summit, Sep'2022 at Salt Lake City, Utah