Ventura, CA 93004 | 717-731-2818 | saranshgandhe@gmail.com | https://saranshgandhe.github.io/

Saransh Gandhe

EDUCATION

Pennsylvania State University — **State College, PA**
Master of Science in Business Analytics, Graduate Certificate in Management Consulting — May 2021-May 2022
2x Dean's List | Teaching Assistant at Smeal College of Business — GPA: 3.9

Pennsylvania State University — **State College, PA**
Bachelor of Science in Business Management, Minor in Supply Chain & IST — Aug 2017-May 2021
6x Dean's List | Capstone Project using R for Predictive Analytics — GPA: 3.7

SKILLS

- **Programming Languages**: Python, SQL, R, Javascript, DAX, GAMS, HTML, CSS
- **Tools and Frameworks**: Pentaho, Pandas, NumPy, Seaborn, Matplotlib, Scikit-learn, Git, Jira, Power BI, MySQL, SQL Server, OpenAI, Jupyter Notebook, Redshift, Google Colab
- **Soft Skills**: Leadership, Technical Writing, Verbal and Written Communication skills, Collaboration, Detail-Oriented

EXPERIENCE

CrowdDoing | Operations Data Analyst | Ventura, CA — Feb 2023-Present

- Collaborated with a multidisciplinary team of five to devise strategic solutions for the imminent expiration of Microsoft licenses, effectively preserving resources for volunteer initiatives.
- Leveraged SQL for rigorous data analysis and maintenance of large databases, skillfully handling data from over 2000 volunteers with Excel Power Query and Power BI Dax.
- Delivered data-driven insights to stakeholders, catalyzing informed decision-making and expeditious resolution of operational challenges.

Amazon.com, Inc | Knowledge Data Engineer, Alexa AI | Santa Barbara, CA — Aug 2022-Jan 2023

- Spearheaded an ETL implementation project using Pentaho, driving a substantial enhancement in the query success rate of Alexa AI voice assistant for an audience of 100+ million users.
- Conducted meticulous Data Extraction, Cleaning, and Analysis using advanced SQL queries on Amazon Redshift, Python, and Excel tools, optimizing data-driven insights.
- Collaborated effectively with stakeholders and cross-functional teams, ensuring meticulous documentation (BRD, FSD) for prompt and efficient project delivery within defined scope, cost, and timeline.
- Demonstrated robust project management abilities, employing Agile with Scrum methodology and Confluence for superior collaboration and project tracking.
- Expedited and executed query fixes using NLU/NLG tools, boosting Alexa's answer accuracy by a remarkable ~137%.

Aditya Birla Group | Strategy Intern | Mumbai, India (Remote) — Jun 2020-Dec 2020

- Headed two pivotal projects on Fancy Yarns and Automotive Textiles for a Fortune 500 firm, delivering strategic insights that shaped quarterly plans.
- Applied project management acumen to carry out requirement analysis, survey design, and Dashboard creation using Power BI, Excel, and SQL.
- Accelerated the product design phase by 4 days through efficient surveying and data collection, and enhanced operational efficiency and data precision through process improvements and data workflow streamlining.

UFO Movies India Limited | Enterprise Sales Intern| Mumbai, India — Jun 2018-Aug 2018

- Analyzed 1 million+ rows of yearly data using Pivot Tables, identifying key advertisers to drive long-term revenue.
- Spearheaded a project on cinema advertising competitors' marketing tactics, deriving insights for niche positioning and shaping advertising strategies for 115+ theaters in Mumbai.
Executed data profiling of the current state of data warehouse through advanced SQL queries and Excel Power Query, identifying data gaps and formulating corresponding solutions.

PROJECTS

- An advanced predictive model developed in R Studio for insurance data, employing statistical techniques to anticipate future trends and risks.
- Developed a Scrapy spider for web scraping to extract and store comprehensive data from a quote website into JSON format.