

Swanand Vijay Vidwans

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EDUCATION

Master of Science in Software Development & Engineering , Pace University, New York, NY	GPA:3.89	Dec 2021
Courses: Database Management Systems, Requirements Analysis, Project, and Change Management		
Bachelor of Engineering in Electronics Engineering , University of Mumbai, Mumbai, India	GPA:3.2	May 2019
Courses: Object Oriented Programming, Microcontroller Programming, Operating Systems, Data Encryption		

PROFESSIONAL EXPERIENCE

Research Assistant, Pace University, New York, NY	Sept 2021 – Present
<ul style="list-style-type: none">Assist professor with administrative tasks, organizing events, and conduct various research tasks.Gather research data about 'how SDLC practices can be implemented in ETL for Data & AI'.Analyze findings, prepare reports for presenting the objectives derived from google analytics and formulate Tableau dashboards for user engagement.	
Junior Data Analyst, SITH – Solutions for IT, Mumbai, India	Dec 2018 – Dec 2019
<ul style="list-style-type: none">Co-ordinated with Sr. Data Analysts as a consultant to generate capacity planning reports to generate data-driven solutions reducing operation time by 40%.Authored SQL queries to extract KPIs from dimensions and facts tables.Participated in the phases of data mining such as data collection, data cleaning, developing models, validation, visualization and performed Gap analysis.Proposed Tableau dashboards to monitor KPIs: total tasks, completion rates, improving operator efficiency by 12%.Used MS Excel, Access to create reports, implement verification procedures as per client requirements.Converted 15+ sales & financial reports to Tableau dashboards, increasing readability for stakeholders.Implemented MS SQL Server data warehouse using SQL queries to create fact & dimension tables for business metrics.	

ACADEMIC PROJECTS

Cyclistic Bike Share Analysis Python, Data Analysis	Sept 2021
<ul style="list-style-type: none">Extracted, cleaned, and analyzed historic bike-trip data of casual riders and annual members using Python libraries to gain insights.Summarized the analysis by supporting visualizations and key findings for the period of May through September using plotnine & geopy and found twice the number of bikes are rented compared to other months.Designed marketing strategies aiming to convert casual riders into members by providing introductory discounts, semi-annual memberships, and referral bonuses through mobile app.	
Bellabeat Product Analysis Python, Data Analysis	July 2021
<ul style="list-style-type: none">Analyzed data from wellness tracker, smart water bottle, and Bellabeat application to gain insights about trends that transformed the marketing strategy for the company.Spearheaded the project based on products and stakeholders' analysis and performed data driven decision making.Solely performed all data analysis on data provided by FitBit using Excel, MySQL, and Tableau which helped the team understand the need of granular level research about nutrition, health, sleep, and activity tracker.	
Instagram Analytics and Reports (Microsoft SQL Server, MS Access), Database Management, Data Mining	May 2021
<ul style="list-style-type: none">Gathered requirements, designed an ER diagram to obtain a visual overview of the database.Authored CRUD commands to insert data for 100 users containing multiple attributes into MySQL server database.Identified 13 bots in the user pool using join commands for administrators to revoke user access and delete them.	
Cricket Web Scraping and Data Visualization Tableau, Data Visualization	Jan 2021
<ul style="list-style-type: none">Developed Python script to scrape data from the target website and ingested player statistics into multiple CSV files.Designed Tableau Dashboard to filter and monitor top performing players based on Batting, fielding, and Bowling statistics and compared performance of all teams based on multiple metrics.	

TECHNICAL SKILLS

Programming Languages:	Python, SQL, R, VBA, HTML, CSS
Databases:	MySQL, MS SQL Server, SSMS
Libraries:	Pandas, Matplotlib, sk-learn, Seaborn, ggplot2, NumPy, ggplot2, dplyr, Beautiful Soup
Tools:	Tableau, Power BI, Salesforce, AWS, Google Cloud, MS Excel, MS Office, MS Access, Git, JIRA, Google Analytics, Jupyter Notebooks, SharePoint

CERTIFICATIONS

Google Data Analytics Professional, Tableau Associate, Excel for Business Analysis, SQL Essentials, Python for Data Science, Salesforce Ranger
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LEADERSHIP AND ACTIVITIES

New York Cares, New York, NY	May 2021 – Present
<ul style="list-style-type: none">Volunteered and actively participated in non-profit events.	