

SHRADHA VINOD TIWARI

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EDUCATION

COURSE NAME	GRADES	Graduation
Master's in Business Analytics University of Illinois-Urbana Champaign GIES Business School	3.77 CGPA	Dec 2022
B. Tech(Bio-Informatics) Amity University, Noida, Uttar Pradesh, India	3.6 CGPA	2014

TECHNICAL SKILLS

SQL, R, NoSQL, Data Mining, Data Analytics, Business Intelligence, Data Modeling, Data Visualization, Machine Learning, Python(Numpy, pandas), SAS, Marketing Analysis, Data Cleaning, AGILE- SCRUM, Waterfall Methodology, Java Object-Oriented Programming, Predictive Analysis, Business Analysis, and Project Management

SOFTWARE

Tableau, AWS (EC2, S3, Lambda), Oracle SQL Developer, MySQL, MongoDB, PostgreSQL, Jupyter, PyCharm, GIT, KNIME, JIRA, Jenkins, HP ALM, Jenkins, Docker, MS Office and MS Excel

WORK EXPERIENCE

Project: May 2022 –Present Company: Country Financial Designation: Data Scientist & Project Management Intern

- Conducted **analysis** to gain a quicker, streamlined understanding of the **business results and trends** for different **insurance products**.
- Utilized **machine learning** methods to create **data models**, and concepts such as **regression, classification** and **forecasting**. Deep dive into competitive intelligence for CF personal line product using **python, GIT, Docker** and **Machine learning** and **statistical** methods.
- Manage overall project organization** and **Project life cycle** to ensure requirements and project deliverable dates can be clearly communicated to the product and account leads.

Graduate Assistant: University of Illinois-Urbana Champaign Subject: Strategic Innovation: Jan 2022-May 2022

- Responsible for **managing 100-120 students**, primarily taking office hours to help students with any queries in regards to course and curriculum. Grading course assignments and attendance, moderating live sessions, and managing an online discussion platform

Project: June 2019-Dec 2021 Client: Manulife and Barclays Company: Capgemini Designation: Consultant

- Managed a team of 6 people** comprising 4 testers and 2 operations engineers. Worked as team leading manager.
- Insightful analysis** throughout the **DevOps CI/CD** ecosystem of BBFA (Business Banking Financial Assistance) - process; assessing and reviewing findings to present to the client teams. This led to **90% project budget being saved by implementing the night batch**.
- Worked collaboratively within teams utilizing company accelerators and methodologies to present and ensure to **implementation of strategic and technology solutions**.
- Demonstrated **project management leadership** by working in complex project environments, **interpreting clients' requirements**, meeting tight deadlines and **contributing to business growth** through impeccable delivery

Project: Feb 2015-May 2019 Client: NAB & Westpac Company: Infosys Designation: Software Engineer

- Collaborated as a **cross-functional team member** with different teams to ensure that data sources are defined, connected to a single view.
- Gathered and analyzed quality data using **excel and SQL** to determine defect patterns and propose process and/or application changes. **Organize and manipulate data** from reporting and production databases for use in **advanced analytics** tasks.
- Managed Scrum team and participated in **agile** meetings which included **Sprint Planning, Daily Scrums, Standups, Sprint Check-In** and **Sprint Review & Retrospective**.
- Developed **user stories and acceptance criteria**, assigned tasks to team members, and set milestones to monitor progress using **HP-ALM** and **JIRA**. Utilizing tools like **SQL, R, Excel** and **Tableau** to produce **insightful analysis**.
- Automation** using **Selenium, GIT** and **Jenkins**, led to an **increase the testing productivity by 80%** and led the organization to **save around 41% of the testing cost** in two years for 57 superannuation products.

ACADEMIC PROJECTS

- Trending YouTube Video Statistics:** A comparison of Data from 4 different countries was performed. **Analyzing what factors affect** how popular a YouTube video will be. Used techniques - **data visualization, data mining, pattern matching** and **predictive modeling**. Implemented in **Python** to conduct the analysis and **linear regression** was performed to find which factors affect the video's trend.
- Data-Story telling using Tableau-Age of Empires 2:** Analyzed the performance of players playing the game-Age of Empires 2-Definitive Edition. Produced an **attractive dashboard (Bar graph, Maps, Donut Chart, Line Graph)** using **Tableau** to **convey the story inside the data**, based on which the entire strategy can be planned by figuring out the losses and wins strategy of our own team vs. the opponent team.
- Yelp Database Business & Review-** Setting up a **cloud database**, accessing it via a third-party tool **KNIME**, and then **processing and querying** it to find the number of reviews of customers for Steakhouses in Florida. Created a **KNIME workflow (Row Filter, Column Filter, Group By, Top k Selector, Sorter, Duplicate Row Filter)** to access and work with the **data on MongoDB**.