

# Yogita Darade

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Performance-driven professional with 10 years of experience in Software Industry and Financial Services. Led multiple cross functional teams and projects simultaneously in a fast-paced environment. Passionate about learning, overcoming challenges, Databases. Seeking opportunities to derive actionable insights and provide solutions to business problems with my Data Analytics and Data Science skills.

## AREA OF EXPERTISE

- Planning and Execution
- Product Management
- Product Implementation
- Leadership
- Technical Product R&D
- Data Modeling
- Requirements Gathering
- Market Research
- Troubleshooting
- Resource estimation
- Performance Tuning
- Product Ownership
- Financial Products
- Python, VB.net, VB
- Jupyter, Google Colab,
- SQL, PLSQL, Tableau, Oracle
- Data Mining, Data Analytics
- Web Scraping
- Hypothesis Testing
- Machine Learning

## CORE COMPETENCIES

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### DATA ANALYSIS, DATA VISUALIZATION & MODEL BUILDING

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- Collected data from various sites and web scraped data from Glassdoor for the City of Rancho Cordova. Analyzed and visualized data using Tableau to provide insights on thriving Industries, trends, occupation, job opportunities, and current skills requirements. The purpose of these insights is to help the Economic Department of the city to build a skilled workforce that spurs business competitiveness and economic growth.
- Used Python to analyze data to find anomalies, outliers, inconsistent formats, and other data quality items that would impact the data visualizations.
- Used statistical analysis and visualizations to study customer's health information like smoking habits, BMI, age, gender, etc., and to check statistical evidence to make informed decisions for health insurance charges.
- Handled missing values, performed Exploratory Data Analysis (EDA), and developed an accurate model to predict the price of used cars to aid the business in devising profitable strategies.
- Analyzed data, performed EDA, and created a model to predict customer churn for a bank.
- Analyzed data and built a model to identify different customer segments that would help a bank expand its credit card customer base.

### SOFTWARE ENGINEERING, LEADERSHIP, RESEARCH & DEVELOPMENT

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- Led and supervised a team of 14 people on critical tasks in running Risk Management (RMS), Admin (AWS), and IPO modules.
- Implemented and supported eight of India's renowned clients in Trading and Brokerage systems:
  - These modules are a vital part of the trading system. RMS is a highly comprehensive real time order based risk management system which provides functionality of setting the risk profile of various entities in the system and monitoring the exposures and margins dynamically in the system. The RMS enables a broker to minimize their risk.
  - It provides real time alerts on any violations of fund or securities limit, or other thresholds set by brokers, and it flags customers who violate these limits.
  - RMS performs Start of the Day (SOD) operations to get the system ready and End of the Day (EOD) operations for trading applications.
  - RMS & Admin integrates with the back office and takes care of intraday settlements of funds and securities and generates various reports for the broker.
- Authored development plans, priorities of work and distributed the same among team members.
- Designed and developed complex SQL queries to move and transform data from operational data sources to reports.
- Extensively used PL SQL for writing Packages and procedures that would implement complex business logic.
- Tuned performance of applications, analyzed solutions and coded fixes for software problems.
- Conducted code walkthroughs and reviews of software components from the team to ensure adherence to standards and requirements.
- Migrated a product from VB to Vb.net and Oracle 9i to Oracle 10g database.

## BUSINESS ANALYSIS, PROJECT MANAGEMENT & DATA MODELING

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- Performed multiple roles and handled multiple projects while simultaneously leading the above module.
- Collaborated and Communicated with various Stakeholders, the Back office and Third parties.
- Established a reputation as a Subject Matter Expert & Solution Architect who provides end to end solutions starting with requirements gathering all the way to project implementation.
- Supervised a cross functional team of 8 people in the development of Advanced Trading of Stocks
  - AT system sends rule based orders to exchanges based on predefined rules selected by traders.
  - Designed screens for different order types and the workflow along with integration with existing product.
  - Designed database structures without impacting existing product.
  - Developed and tracked project plan, schedules and led the team.
  - Received client appreciation for fastest development and deployment of project.
- Supervised a cross functional team of 10 people for Systematic Investment Plans (SIPs) and Mutual Fund project
  - Developed and tracked project plan, schedules and led the team.
  - Reviewed test cases, test scenarios to ensure the completeness & coverage of testing.
  - Finalized the Business document with the clients, designed screens and workflows as per the requirement.
  - Carried integrated testing across all modules.
  - Collaborated with the Back office system and Third parties.
- Was part of the Product core team and led development of various product features.
- Mentored Team member, conducted Training's and presented product demo to the client.

## WORK HISTORY

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Internship (Women's in Data (Remote)	Aug 2021-Current
Career break (Accompanied Spouse on H4 visa, now have a work permit)	2014 – 2020
Associate Consultant (Tata Consultancy Services, India)	2013 – 2014
Assistant Consultant (Tata Consultancy Services, India)	2010 – 2013
IT Analyst (Tata Consultancy Services, India)	2008 – 2010
Assistant System Engineer (Tata Consultancy Services, India)	2003 – 2008

## EDUCATION

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<b>University of Texas</b> , Austin, Texas	September 2021
<i>Post-Graduation in Data Science and Business analytics</i>	
<b>Coursework:</b>	
Python, Business statistics, Supervised Learning, Unsupervised Learning, Ensemble techniques, Model Tuning, Data Visualization in Tableau, SQL, Time series Forecasting.	
<b>S.N.D.T University</b> , Mumbai, India	May 2003
<i>Bachelor of Technology in Computer Science and Technology</i>	

## CERTIFICATES

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- Oracle PL/SQL Developer Certified Associate.

## ACHIEVEMENTS

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- Received Client appreciation awards.
- Ranked 1st in my Post Graduation cohort of 80 people
- Ranked in Top 4% in 30 Day ML Kaggle Competition.

## VOLUNTEER

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- Training and Mentoring at Time zone (<https://www.timezone.org.ng/>) a nonprofit organization, whose goal is provide Data science and business intelligence trainings to participants around the world for free.