



# Reshma Dengane

## Data Analyst

### Contact

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Mumbai, India

### Skills

Python

SQL

MS Excel

Tableau

Exploratory Data Analysis

Data Visualization

JIRA

Business Analysis

### Summary

- Qualified with a Master's degree in 'Data Science, AI and Digital Business' offering skills in data extraction and predictive analytics.
- Highly motivated and results-driven Data Analyst with 2 years of professional experience in data analysis and 6 years in software testing/business analysis.
- Quality Assurance experience in formulating and reviewing test plans, test scripts, test requirements, test cases, test reports and adapt in using defect-tracking tools.
- Proficient in extracting, analyzing, and interpreting complex data sets to uncover actionable insights and drive business growth.
- Skilled in libraries such as Sklearn, Numpy, Pandas, Matplotlib, NLTK
- Knowledge of working with databases like SQL Server.
- Data Visualization using Tableau
- Rich experience in all phases of the software development life-cycle such as agile process (requirements, design, development, testing, release, support)
- Machine Learning Classifier Techniques: Naïve Bayes, K-NN, Decision Tree, Ensemble Techniques.

### Experiences

**Majesco Ltd - Malaysia / Apr 2017–Mar 2020**

#### SENIOR SOFTWARE ENGINEER

- Improved data accuracy, viability and value by improving and streamlining processes regarding data flow and data quality.
- Conducted detailed analysis, generated insights and visualizations and published reports based on company-wide data.
- Developed a trend forecasting framework to identify products likely to trend in order to help the business take proactive merchandising decisions.
- Performed as a liaison between stakeholders, Subject Matter Experts(SMEs), Business Users, and Development Team to identify the business needs, business rules and business process specification for the implementation.
- Awarded 'Commitment of Excellence'

**NSEIT Ltd - Mumbai, India / Aug 2016– Apr 2017**

#### SOFTWARE TESTER

- Worked for a client 'SBI Life Insurance', Mumbai
- Fully engaged in product release and deployment to end-users after successful development and testing of products.

**AQM Tech Pvt Ltd - Mumbai, India / Jan 2016–Jul 2016**

#### EXECUTIVE -SOFTWARE TESTING

- Worked for a client ' Edelweiss Tokyo Insurance', Mumbai
- Created Test Cases, Test Scenarios, Test Data for Life Insurance policies

## Educations

### MS DATA SCIENCE, AI AND DIGITAL BUSINESS

GISMA Business School,  
Germany

November 2022

### BE INFORMATION TECHNOLOGY

DMCOE, Navi Mumbai

May 2010

### Harjai Comp Ltd - Mumbai, India / Aug 2014–Nov 2015

#### SOFTWARE TESTER

- Worked for the client 'Birla Sunlife Insurance', Mumbai
- Identified and documented defects in web and mobile applications.

### Sprylogic Tech Ltd - Mumbai, India / Oct 2010–May 2013

#### SOFTWARE TESTER

- Worked as a Software Tester for client 'Mobolize Inc' (US based client)
- Involved in running test cases, defect reporting through Bugzilla

## ACADEMIC PROJECTS

### Telco Customer Attrition

#### Description:

Telco systems is a worldwide pioneer in telecommunications, with over 40 years long time of involvement in design and improvement of high-performance network communications solutions.

#### Project Aim:

Telco can take precautionary measures in advance to avoid customer attrition.

#### Technology:

Artificial neural networks, Python, Pandas, Tensorflow, Matplotlib, Seaborn, Jupyter Notebook

#### Pipeline:

- Data Collection
- Data Analysis & Preprocessing
- Training and Test set Splitting
- Feature Scaling
- Model Training & Hyperparameter Tuning (ANN Classifier)
- Early Stopping
- Model Fitting

### Netflix Movie and Shows Recommendation System

#### Description:

By filtering over the title, content similar to the title, cast, director, rating, listed in (Genre) and description will be recommended to the user.

#### Project Aim:

Recommendation of Relevant Netflix movies and shows to the users.

#### Technology:

NLP, Python, Pandas, Sklearn, Matplotlib, Jupyter Notebook

#### Pipeline:

- Data Collection
- Data Analysis & Preprocessing
- Feature Engineering
- Feature Selection
- Model Creation (TfidfVectorizer)
- Model Prediction