# Deepa D G

**Edwisor** certified data scientist with 4.8 years of professional experience in agile process, Mobile app manual as well as automation testing and accessibility testing. Degree in Engineering from the Visvesvaraya Technological University.

**PROFESSIONAL EXPERIENCE:** Cognizant Technology Solutions (From 2015) – Associate Quality Engg.

- Design test cases and execute all type of testing on mobile & web platforms
- Strong functional testing background, including defining test strategy, test planning and execution.
- Identify areas for improving efficiency, shortening of test cycles automation of test scripts and recommend solution for improvement.
- Manages the testing of multiple projects of significant complexity.

## EDUCATION
**B.E, Electrical & Electronics** - VTU - 2014
U.B.D.T.C.E, Karnataka, India.

## PROJECT/INTERNSHIP

**Project1: Santander Customer -** Will a customer buy this product? Can a customer pay this loan?

- I have analyzed the data to find the type of problem- Classification Problem.
- Conducted the outlier analysis, missing value analysis and Data featuring.
- Used sampling method to train my models via "Stratified kFold cross validator".
- Integrated Random Forest, Logistic regression and Naïve Bayes algorithm.
- Identified the solution which customers will make a specific transaction in the future, irrespective of the amount of money transacted. Based on this solution clients can prepare the appropriate approaches to customer.

**Project2: Car Fare prediction-**Need to design a system that predicts the fare amount for a cab ride in the city.

- Analyzed the data to find problem type – Regression Problem.
- Improved the input data by Outlier analysis, missing value analysis and statistical analysis on data.
- Conducted data preprocessing techniques and data featuring.
- Integrated the Decision Tree, Random Forest, Linear Regression algorithm.
- Improved the accuracy of prediction and reduce the error rate by xgboost.

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## SKILLS

Data Pre-processing, Statistics, R, Python, Numpy, Basic Analytics, Scikit Learn, Pandas, Unsupervised Machine Learning, Supervised Machine Learning, Text Mining, NLTK, Tableau, Matplotlib, MongoDB

## LANGUAGES

English, Kannada, Hindi

## INTERESTS

Reading Business books and Travelling