

MANISH VAIDYA

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PROFILE

Business analytics professional with experience in stats, machine learning and data visualization. Passionate about extracting useful insights from data, and I am good at explaining complicated stuff.

RECENT WORK EXPERIENCE

Freelance Data Scientist

Oct 2016 – Present

- Text mining (relation extraction) and sentiment analysis on healthcare report/journals using nltk, Stanford in Python.
- Design and build machine learning models (RF, GBM, Bayes classifier) for Diabetes prediction and compare them for accuracy and other parameters.
- Explaining the results/insights to non-technical business audiences.

Senior Software Engineer: Tieto India Limited

Jul 2015 – Sep 2016

- Design and implementation of machine learning model for Condition based maintenance of oil facility equipment.
- Led and trained a team on analytics projects and POC.

Data Visualization Expert: Credit Suisse

Dec 2014 – Jul 2015

- Design and development of data visualizations/ reports.

Database Analyst: Total System Services (TSYS)

May 2013 – Dec 2014

- Key role in design and implementation of the Product Catalogue features for TransIT.
- Credit card transaction's data analysis for business insights.

Technical Associate: Tech Mahindra Ltd

Aug 2010 – May 2013

- Credited for automation of Database deployment and ETL jobs using scripting.
- Developed ETL mappings and related database objects

TECHNICAL SKILLS

Machine Learning: classification, regression, clustering, feature engineering, text analytics

Statistical Methods: regression models, hypothesis testing and confidence intervals, time series, principal component analysis and dimensionality reduction

Software and Programming Languages: Python (nltk, Stanford, scikit-learn, numpy, pandas, gensim), R, SQL, Tableau, Hadoop (Hive, Pig), Linux, Oracle, Microsoft Excel

Selected Coursework: Data Mining & Machine Learning, Data Visualization, Statistical Analysis, Linear programming, Data Management, Customer Analytics.

EDUCATION

Indian School of Business, India

Sep 2015 – Sep 2016

Executive course in Business Analytics – 3.43 CGPA

Nagpur University, India

Jul 2006 – May 2010

Bachelor of Engineering in Information Technology – 69.9%

ANALYTICS WORKS

- Query based Recommendation System
- Indian General Elections Dashboard
- Sentiment Analysis on Product Launch using tweeter, reviews and Google news.