ATUL SANJAY

Data Science & Analytics

MSc in Applied Statistics with 4+ years of IT consulting and Software Quality assurance experience. Looking to leverage my machine learning and data mining skills to solve real-world business problems.

atulsanjay1@gmail.com ✉

+1 419-378-2103 📱

atulsanjay.me/ 🌐

linkedin.com/in/atulsanjay in

github.com/atulsanjay ○

WORK EXPERIENCE

Graduate Research and Teaching Assistant
Bowling Green State University

01/2019 - Present   *Ohio, USA*

Tasks
- Teaching assistant for courses - Business Statistics, Predictive Analytics
- Math instructor aide for College Algebra
- Research Assistant for airline customer marketing analytics project

Consultant, Software Quality Assurance
Capgemini Consulting

12/2014 - 12/2018   *Mumbai, India*

Tasks
- Test automation engineer for enterprise level applications
- Developed and maintained Keyword driven and Behavior driven test framework using Python, Selenium and Appium
- Performed mobile application testing, performance and load testing

EDUCATION

MSc in Applied Statistics
Bowling Green State University

01/2019 - Present   *Ohio, USA*

Courses
- Specialization in business analytics
- Data Mining, Probability & Statistics, Machine Learning

Reva University
B.E. in Mechanical Engineering

06/2010 - 06/2014   *Karnataka, India*

SKILLS

Machine Learning   Data analytics   Data mining

Data visualization   Statistical Analysis

Predictive Modeling   Database Management

Natural language processing   Information retrieval

Big Data   A/B testing   Time Series Analysis

PERSONAL PROJECTS

Search engine using TF-IDF
- Document search engine using Python and NLTK

Time series analysis of Life expectancy
- ARIMA based model for time series analysis

Analysis of Oil and Monetary Policy Shock on GDP Fluctuations
- Case study in econometrics using SAS and Sign Restrictions

PROGRAMMING LANGUAGES

Language	Proficiency
Python	● ● ● ● ●
R	● ● ● ● ●
SQL	● ● ● ● ○

FRAMEWORK & TOOLS

Matplotlib   pandas   scikit-learn   NumPy

NLTK   Tidyverse   seaborn   Git   Tableau