

# 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.

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## 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

Python



R



SQL



## FRAMEWORK & TOOLS

Matplotlib

pandas

scikit-learn

NumPy

NLTK

Tidyverse

seaborn

Git

Tableau