# Shubham Khaladkar

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To become a proficient data scientist who understands the domain knowledge of the data, analyze, finding patters, and forecasting the results using different AI models.

Willing to relocate: Anywhere

## Work Experience

### Research Assistant

George Mason University
February 2022 to Present

• Research and Brainstorming | Reading a research paper on Interactive Attention Alignment (IAA) and Adversarial Machine Learning.

### Business Intelligence Engineer

A S E C Inc.
June 2022 to November 2022

• Analysis on the company's financial data and building Power BI dashboards that contributed some useful insights which led to overall cost efficiency by 7-8% in the

### Corrective Maintenance Program (CMP).

## Education

### Master of Science (M.S.) in Data Analytics Engineering

George Mason University
August 2021 to December 2023

### Bachelor of Engineering in Computer Engineering

University of Pune
June 2014 to June 2018

## Skills

• Performed Exploratory Data Analysis (EDA) on the structured and unstructured data set.
• Applied various machine learning algorithms to find the confusion matrix and predict the accurate results from the train and test set.
• Performed various statistical tests to find the relationships. Built visualizations like histogram, heatmap, scatter plot, etc.
• Wrote SQL queries to manipulate the data and automate using view, procedures, etc. Machine Learning Algorithms and Statistical Tests

- Power BI, Tableau, SAP Dashboards (Dataset) Industry Domain Knowledge: Pharmaceutical, Maintenance, Utilities.
- Python
- R
- SQL
- KNN
- Linear Regression
- Logistic Regression
- Bayesian Network
- Decision Trees
- Naïve Bayes Classifier
- Random Forest
- Perceptron
- Kernel SVM.
- Hypothesis testing
- Z-test
- ANOVA
- chi-square test
- etc. Visualization Tools