

# Brijesh Pandey

Data Scientist

Intending transition from Software Engineering to Data Scientist role so as to accelerate my career in this field by utilizing my Technical and analytical skill for organization and individual growth.

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🏠 Bengaluru

## Profile Summary

- ▶ Skilled in Different Machine Learning algorithm such as Logistic Regression, Linear Regression, Naïve Bayes, SVM, KNN, ensemble techniques such as Bagging, Boosting in python.
- ▶ Proficient in Executing End-to-End ML projects starting from Exploring and Analyzing data to applying different Feature Engineering techniques and using predictive models with different hyperparameter tuning techniques like Grid/RandomSearchCV.
- ▶ Proficient in Data Exploration and Visualisation with EDA using Pandas, Seaborn, and Matplotlib to provide detailed Insights.
- ▶ Proficient in performing normality, correlation and different statistical hypothesis testing to compare different features in probabilistic manner.
- ▶ Skilled in writing complex queries of SQL, have basic knowledge of Tableau to explore good informational insights.

## Skills

Machine Learning

Data Visualization

Pandas

Matplotlib

Seaborn

EDA

Statistical Testing

Python

SQL

Tableau

Grafana

ELK

webMethods

## Work Experience

### Lowe's India , Bengaluru — Sr. Software Engineer

Sep 2019 - Present

- ▶ Experience in Supply Chain Domain for 3+ years and have a well-versed understanding of Interface functionalities.
- ▶ Experience in providing best support from setting up monitoring alerts to working in Grafana and ELK Dashboards during Black Friday, Thanksgiving period.
- ▶ Worked closely with Change Management to improvise the process of Handling Incidents, Deployment, Code Review, Support KT.
- ▶ Experience in Sprint planning scrum refinement, grooming and retrospective sessions.
- ▶ Experience in Production Support of 100+ Interfaces, which includes Code Enhancements, Bug- Fixing, Debugging, Monitoring, Triaging of Critical Incidents.

### India Medtronic Pvt. Ltd , Bengaluru — Associate IT Developer

Aug 2017 - Sep 2019

- ▶ Experience in Development of Flow services using webMethods Developer tool and managing administration of 350+ servers.
- ▶ Strong Experience in Installation of fixes, Support Patches of webMethods Integration Server from Linux and Command central.
- ▶ Hands on Experience in Deployment techniques using different tools like CrossVista, wM Deployer.

## Education

PG-Diploma 2017



Centre of Development and Advanced Computing

Lovely 2012-2016



Professional University  
B.Tech-CSE

# Projects

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## Supply Chain Integration Services Black Friday Thanksgiving Analysis and Forecasting

- ▶ Worked for Lowe's organisation to ascertain which supply chain integrations were leading to high CPU and memory usage.
- ▶ Visualisation of volume of one of a critical integration to determine whether the volume grew during the week and during business hours.
- ▶ Different parametric test were conducted to see if the mean volume was the same on weekdays, weekends, and business hours.
- ▶ Forecasted the volume of critical service over the upcoming two days.

## Bike Rental Data Visualization and Hypothesis Testing

- ▶ Worked on a project from a top Indian Bike rental organisation and performed univariate and bivariate analysis to understand what factors like season, weather, working day, holiday are playing major role in increasing/ decreasing bike demand.
- ▶ Established the factors using hypothesis testing (t-test, anova test, chi-square test) to understand if features like temperature, humidity, windspeed have dependency on demand of bike.
- ▶ Provided Proper recommendations which are actionable to increase demand.

## Logistics and Supply Chain Delivery Data Visualization and Feature Engineering

- ▶ Worked on a project from a top Indian Logistics organisation and performed univariate and bivariate analysis to understand what factors like route type, source, destination are playing major role in increasing/ decreasing actual and segment time.
- ▶ Performed Feature Engineering techniques on features like city, states, day, month and validated if those are affecting actual time.
- ▶ Worked on detecting Outliers and missing values and fixing it.
- ▶ Provided Proper recommendations which are actionable to reduce delivery time.

## E-Commerce Brazil Sales Analysis using SQL

- ▶ Worked on a project from a prestigious retailer-based company on analysing sales throughout the year and identifying what factors like festival, list of products, season affected the sales, especially during Black Friday and Thanksgiving period.
- ▶ Identified which states and cities have highest number of sales and popular products sold during the year.
- ▶ Provided proper recommendation on how to increase sales and improve customer satisfaction by speeding up deliveries.

# Achievements

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- ▶ Excellence Award for delivering against significant challenges, 2022
- ▶ Spot Award for continuous customer facing deliverables without fail, 2022
- ▶ Spot Award for Handling production incidents and providing effective resolutions, 2022
- ▶ Spot Award for superior sense of ownership, 2021