

# Aditya Bharti

## Professional Summary

Dynamic professional with over 2.8 years of experience specializing in Data Analytics And Data science, and have gained good exposure to understand various aspects of Artificial Intelligence & Machine Learning. Hence I seek a challenging positions Data science, Machine Learning & data Analyst where I can share my skills in developing and implementing innovative solutions to address complex challenges.

## Work History

### Tech Data Solutions– Junior Data Scientist

Pune

09/2023 - Current

- Develop action plans to mitigate risks in decision making while increasing profitability by leveraging data science.
- Drive the interaction and partnership between the managers to ensure active cooperation in identifying as well as defining analytical needs, and generating the pull-through of insights with the business.
- Build predictive models using various machine learning tools to predict the possibility of equipment failure.
- Develop algorithms using Natural Language Processing and Deep Learning models for predictive maintenance.
- Design algorithms to track and detect anomalies in multiple sensors data for the Energy industry.
- Demonstrate knowledge and execution of application programming interface development and test automation.

### Unbound Marketing Pvt Ltd – Data Analyst Advisor

Pune

10/2021-08/2023

- Find Solution for the Challenging Projects.
- Conducted Business process analysis and identified critical issues, gaps and needs for an established process center.
- Analyzed and produced KPI reports allowing to monitor filed service engineer and customer care center closely.
- Used Advanced Microsoft Excel to Create Pivot tables and pivot reports as well as Advance Excel formulas like VLOOKUP, HLOOKUP E

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## Profiles

• <https://www.linkedin.com/in/aditya-bharti-0a85311ba/>

• <https://github.com/4132-aditya>

## Skills

- Python
- Data structures
- Python programming
- Data Manipulation
- Team mentoring
- API integration
- Data Analysis
- Risk Analysis
- MySQL
- AWS
- Git
- Github
- Machine learning
- MS office
- Power BI
- Documentation Management

## Technical Skills

**Operating System:** Windows

**Database/Server:** My SQL, Postgres, SQL server

**Programming Language:** Python, scikit-learn, OpenCV, Spark, Django, HTML, SQL

**Other Software/Tools:** Tableau, Deep Learning, Machine Learning, AWS services, Microsoft.

## Education

2024

**Savitribai Phule Pune University**

Pune

Masters Of computer science (MCS)

# Project

## 1. Project name: Customer service Request

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- Identify the shape of the dataset and identify variable with null values
  - Analyze the data column and remove the entries if it has incorrect timeline find complaint types and plot graph
  - Display the types of complaints in each city in separate dataset
  - Check average response time across various types of complaints
  - Identify significant variables by performing a statistical analysis using p-values and chi-square values and creating dashboard of final dataset.
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## 2. Project name: Healthcare

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- ICMR wants to Analyze different types of cancers, such as breast cancer, renal cancer, colon cancer, lung cancer, and prostate cancer becoming a cause of worry in recent years. They would like to identify the probable cause of these cancers in terms of genes responsible for each cancer type. This would lead us to early identification of each type of cancer reducing the fatality rate.
  - Iplot the merged dataset as hierarchically clustered heatmap and perform null hypothesis testing and apply clustering techniques
  - Build classification model with feature selection find robust classification model and build SVM random forest, Deep neural network to classify input data into cancer types.
  - Validate the genes selected from last step using statistical significance testing (t-test for one vs all and F-test)
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## 3. project name: lending club Data Analysis

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- For companies like Lending Club correctly predicting whether or not a loan will be a default is very important. In this project, using the historical data from 2007 to 2015, you have to build a deep learning model to predict the chance of default for future loans. As you will see later this dataset is highly imbalanced and includes a lot of features that makes this problem more challenging
  - Feature transformation , transform categorical values into numerical values Perform EDA on different factors of dataset and additional feature engineering check corelation between feature which have strong corelation.
  - After applying feature engineering and EDA data ready to Build the predictive models in part will create deep learning model using keras with tensorflow backend
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2021

Savitribai Phule Pune University

Pune

Bachelor of Computer Science (BCS)

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## Certifications

- Python for data science
  - Applied Data science With Python
  - Machine Learning
  - Deep Learning With Tensorflow & Keras
  - Advanced Deep Learning & Computer Vision
  - AI & Machine Learning Capstone
  - Power BI Workshop
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## Personal Details

- **Date of Birth** – 17.03.2000
- **Marital Status** – Unmarried
- **Nationality** – Indian
- **Languagfeate** – English, Hindi and Marathi

#### **4. project name : perform facial recognition with deep learning in keras using CNN**

- Facial recognition is a biometric alternative that measures unique characteristics of a human face. Applications available today include flight check in, tagging friends and family members in photos, and “tailored” advertising. You are a computer vision engineer who needs to develop a face recognition programme with deep convolutional neural networks
- Use a deep convolutional neural network to perform facial recognition using Keras.
- Input the required libraries load datasets after loading need to normalize every image and split the dataset
- Transform the image to equal size feed in CNN
- Build a CNN model that has main 3 layers convolutional layer, pooling layer, fully connected layer, train model plot the result and iterate the model until the accuracy is above 90%

#### **5. project name: Build amazon sales dashboard using power BI**

- Collect data perform EDA on given data and select sates and order id
- Clean dataset load data into powerBI and perform given operation on data using powerbi
- Perform sales report on powerbi using different plots and charts by orderid's and product catogaries and ad next sales target to the report.