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|  | **AKSHAY VIJAY GHIME** |  |

Cell Phone: +91 8805861873, +91 9096309723 Email: [akshayghime@gmail.com](mailto:akshayghime@gmail.com)

**Career Objective:** Effectively use the technical and managerial skill sets for profitable organisational growth.

**Beginner With Machine Learning:**

**Company: AI** Adventures, Pune.

**Duration:** Six months (March 2019 to August 2019)

**Details:**

Exposed to following topics with practical approach and learned to use machine learning techniques to solve complex real world problems, by identifying the right method, implementing the algorithm, assessing and improving the algorithm’s performance and deploying the solution as service.

* **Python: Basics of python**

Data types, Comparison operators, If/elif/else statements, functions, map and filters

* **Data Analysis:**

**Numpy:** Numpy arrays, indexing & selection, broadcasting, numpy operations

**Pandas:** Introduction to pandas, series & data frames, subset selection, handling missing data, sorting & replace, Merging/joining/concatenating, pre-processing the raw data, data cleaning

* **Data Visualization:**

**Matplotlib:** Introduction to matplotlib, basics of plotting

**Seaborn:** Introduction to seaborn, different types of plots, styles

**Pandas built-in:** Introduction to plotting pandas, Plotting data frames and series

* **Machine Learning:**

**General concepts:** Introduction to machine learning, supervised/unsupervised learning, Machine learning with python

**Algorithms:** K-nearest neighbour, Support vector machine, Decision tree

**Text classification using Naive Bayes**

* **Intermediate Projects:**

**House price sales prediction using regression: D**ata cleaning, data pre-processing, handling missing values**,** feature extraction,Linear regression.

* **Overview of:** Tensorflow, sql, MVC architecture,Django/Flask, OpenCV, NLP, Deep learning

**Project #1 Bakery sales price prediction project**

* Created a predictive model that suggests future sales for bakery items using time series forecasting
* Process involved loading, handling time series data in pandas, checking the stationarity using dickey fuller test, rolling statistics plots, making time series data stationary by reducing trend and seasonality,

Eliminating trend & seasonality by differencing or by decomposition, finally implementing ARIMA model for univariate and SARIMA model for multivariate data.

**Project #2 Vehicle detection and counting using openCV**

* Built a machine learning model which detects and counts number of vehicles passing through the line.
* Process involved using background subtraction method for object segmentation (Taking the first frame and calculating the absolute difference with other frames), fitting the line on the given video frame, tuning the parameters. Adding the counter to count number of vehicles.

Github link - <https://github.com/akshayghime/vehicle_count>

**Professional experience:**

**Name of the Company:** NYK Auto logistics India

**Designation:** Senior Executive Analyst(Pune Business Operations)

**Experience:** 1.8 years

**Responsibilities:**

* Accessing the data from relational databases (Mysql, SQLite, oracle enterprise 11g), **Query** multiple tables by using joins, Implement functions and aggregate **data**.
* **Data cleaning**: handling the missing values, dropping unnecessary columns from the data frame, extracting important features based on requirement, Renaming columns to a more recognizable set of labels, removing special characters like ‘!@#$%’, replacing unexpected values using python.
* **Exploratory Data Analysis:** Finding out the co-relation between different categorical data using ANOVA. Visualize data distributions; bar charts, histograms, box plots, Calculate and visualize correlations (relationships) between variables; heat map using python.
* **Data Mining:** Extract, transform and load the data into a data warehouse, Provide data access to business analysts using application software, Present analysed data in easily understandable forms, such as graphs, plots.
* **Interactive Data visualization:** Creating interactive dashboards using **Tableau,** Publishing Workbooks by creating user filters so that only specific teams can view it.
* Creating reports using **Tableau/Power BI** to monitor the movement of vehicles inside finished goods yard and apprise logistics manager of the outbound performance.
* Rich exposure to generate computer reports, strategic planning, implementation and targeted achievement
* Reviewing daily dispatch plan and reporting actual **dispatch report**
* Creating **shipments**, **Post Goods Issue** order in **SAP MM**
* **Co-ordinating** with GSC(Global Supply Chain) team and resolving the issues which involved:
* Short shipment of vehicles
* Strategic planning after rescheduled vessel dates
* Preparation of delivery challan and tool kit

**Education:**

**MBA** Indira School Of Business studies Pune University 2016-2018 8.9

**(Operations)** Pune (CGPA)

**B.E** Pimpri Chinchwad College of Engg. Pune University 2011-2015 61.00%

**(E&TC)** Pune

**HSC** Shivaji College Maharashtra Board 2009-2011 75.75%

**(Science)** Amravati

**SSC** N.L High School Maharashtra Board 2009 91.53%

Amravati

**Extra-Curricular Interests:**

Interests include organizing events for dramas, street plays and theatre.

**Personal Information:**

**Postal address:-** Flat 207A,”Sarovar Darshan”, Behind MSEB office,Talegao Dabhade ,Pune - 411033

**Date of Birth:** 05/10/1993

**Marital Status**: Single

**Other information:**

**Travel preferences: -** Prepared for moderate travel if the job profile calls for

**Joining Period:** 15 days or less

**Expectations: -**Long term association to reach the objective stated above