Saurabh Tripathi
Data Scientist and AI Developer

M.Tech 82%, 9 Month Experience and also Certified in Data Science, Tableau, PowerBI, Python, Statistic

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github.com/SaurabhTripathi62 ⬤

WORK EXPERIENCE

IT Researcher in Data Science and AI
Infotek Solution

11/2018 – 04/2019   *Bhopal*

Working Responsibility includes : IT Trainer, AI tool Development, Analysis, RnD

Company Project

- Worked on Seo Tool Scrapy
- Worked on Chat Bot in AI/NLP
- Worked as a Trainer for Tableau, PowerBI, BA by Excel, Python

Contact: Rahul Shrivastav Director – 9993651913 , rahulshrivastava.co@gmail.com

Business Development (BDO)
Simption Tech Solution

06/2018 – 10/2018   *Bhopal*

Working Includes: Business Development, Python Training and Marketing

Contact: Saurabh Kushwa - M.Head 9340188163, Devendra Agarwal- Director 9717386989

EDUCATION

M.Tech 82% Software Engineering
SIRT

08/2011 – 02/2014   *Bhopal*

Achievement

- Batch Topper

B.E 67% Computer Science
Truba Institute

2006 – 2010   *Bhopal*

OTHER

- H.Sc 60% MP Board
- 10th 62.5% M.P. Board

LANGUAGE
English and Hindi

Excellent in

- Read
- Speak
- Write

SKILLS

Python · Data Science · Tableau · Power BI · Machine Learning · NLP · PostgreSQL · Scrapy · C · C++ · Html 3 · CSS 5 · Corel Draw · Statistic · Business Analysis with Excel · Java · Jupyter/Anaconda

PERSONAL PROJECTS

See All Project On Github ⬈

Data Science
- 1.Tiatanic Survived Prediction Kaggle
- 2.Movielens Finding top pattern of movie

Tableau
- 1.E commerce product order cancellation and sales
- 2.Live animation of sales by creating data story telling project

Power BI
- 1.Creative Compaire Like Match Like Presentation
- 2.Loss Detection by using DAX and Projection Sales on Map

Machine Learning
- 1. Credit Card Fraud Detection
- 2.Object Recognition
- 3. Text Classification

Natural Language Processing
- 1. Twitter Sentiment Analysis
- 2.Text Summarization

Scrapy Frame Work And Web Scraping
- 1.Scraping through Lxml, Newspaper Lib ,Xpath, Beautiful Soup BS4
- 2.Scraping top Songs from site by Scrapy Frame Work

CERTIFICATES

All Certification Google Drive Link ⬈
https://drive.google.com/open?id=1MCe-R vKtWBAR3kfgwLPjopb79I54S4i3

Data Science with Python (10/2018 – Present) ⬈

Tableau (12/2018 – Present) ⬈

Power BI (2019 – Present) ⬈

Python (10/2018 – Present) ⬈

Statistic (10/2018 – Present) ⬈

Projects	• Data Science/AI/ML/NLP

1.New York City 311 calls from Kaggle- Data Science
Service request data analysis of New York City 311 calls.It focus on the data wrangling techniques to understand the pattern in the data and also visualize the major complaint types.
Used libraries Pandas, Matplotlib and Numpy.Used Jupyter Notebook -Anaconda.

2. Movielens Data set Analysis from Kaggle- Data Science
Aim of this project is to find out what category of movie has the highest rating and liked by people.
Used libraries Pandas, Matplotlib and Numpy.Used Jupyter Notebook -Anaconda.

3. Credit Card Fraud Detection- Machine Learning
Detecting fraud transaction by creating model and training it trough validation set and finalizing the model with a test set, also modified data sets as per requirements by pandas.

4. Object Recognization -Machine Learning
From a big set of images, trained model to be able to identify the images.Using neural networks and one hot encoder.

5. Text Classifier - NLP
By creating a bot we try to understand the sentiments of a statements by observing few key words

6. Text Summarization -NLP
By Tokenizing sentence and word. And allotting weights to each word we find out which sentence has the highest weight and select only top few sentence and find our result as summary.

Projects	• Tableau/PowerBI/Business Analysis in Excel

1.Tableau
Business Scenario:The general manager of an e-commerce company is planning to create a list of customers who have returned most of the orders they had placed. To take substantial measures for upcoming orders, he needs to create a list visualization for customers who have returned more than half of their distinct orders in each region.
We Find out
• Which region has the highest number of products returned by the customers?
• How many customers do you have on your list
Project is also on tableau public and github
Used Calculation, Chart, Dash Board.

2.Tableau
Find out sales of a company by region.Live animation, Graph Chart with bubble plot.
https://github.com/SaurabhTripathi62/Tableau-projects/blob/7c883641a3f7f5be9c1d69dd26dbc8f132e1cc68/sales%20profit%20projection.png
Project also available on tableau public.

3.Power BI
A Sporty way of comparing of two companies data set of rated per products.It gives a match like look. Used slicing and scatter plot to achieve this goal. Each click of product will bring the rates other companies have for the same product.

4.Power BI
Loss Detection by cleaning the data and modifying it as per requirement. Then used ploting of charts to focus on loss areas to achieve this goal.Also detected the sales in areas to find out which area is suffering from loss.
U8
5.Business analysis with Excel
Studying sales of a production company and by conditional formatting finding and spotting loss areas where cost price was greater than sales. Plotted a chart to spot all product which where denting the growth of the company.

Projects • Scrapy/Python/Web Scraping/Others

1. **Web Scraping by using Request and Beautiful Soup from a website for the top rated content.**

2. **Web Scraping using Scrapy Frame Work for a site to find out all the available course on that site also used Xpath for the spiders.**

3. **Scrap by using Scrapy the quotes on a site and used spider and xpath to achieve this goal.Save all data to a csv file for further analysis.**

4. **Scrap by using LXML for the top songs of sia from a song collection site.Saved this list to the csv file for further use.**