Sachin Bhopi
Data Engineer

Objective

Motivated data engineer with strong analysis & research skills along with Master's degree in IT. Coming with 7+ years of teaching & research experience along with ability to perform data collection, data cleaning, exploratory data analysis in a varied data environment & having adept understanding of programming languages such as R, Python & Java.

Get in touch!

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in linkedin.com/in/sachinbhopi

○ github.com/b-sachin

Skills

Languages
R | Java | Python | C | Markdown | HTML | CSS | XML | JSON | SQL | Latex

Tools & Technology
RStudio | Anaconda | Jupyter | Excel | Git & GitHub | Google Analytics | MATLAB | WordPress

Technical Skills
Data Collection | Data Cleaning | Data Mining | Exploratory Data Analysis | Visualization | Statistics | Data Structure & Algorithm

Libraries
dplyr | tidyr | ggplot2 | Pandas | Numpy | Matplotlib

Awards/Certificates

Specialization: 'Data Science: Foundations using R'
Set of 5 Certifications | Johns Hopkins University through Coursera | 2020-2021
1. The Data Scientist's Toolbox
2. R Programming
3. Getting and Cleaning Data
4. Exploratory Data Analysis
5. Reproducible Research

Python for Data Science
Certification | NPTEL | 2020

Programming in Java
Certification | NPTEL | 2019
- 1% Topper in 53813 enrollment

Projects/Publications

Top Storm Event Index
Individual Project | May 2021
- Data Analysis to identify which type of extreme weather events are most harmful to population health as well as economy.
- The major tasks performed in this project are **Data Collection, Data Cleaning & Preprocessing, Data Analysis and Result Visualization.**
- Technologies/Tools used: **R, RStudio, Markdown, Git & GitHub**
- https://rpubs.com/b_sachin/noaa-storm-database-analysis

Tidy dataset for UCI HAR dataset
Individual Project | October 2020
- The major tasks performed in this project are: Merging Datasets, Dimensionality Reduction, Data Labeling, Mutate and so on.
- Technologies/Tools used: **R, RStudio, Git & GitHub**
- https://github.com/b-sachin/UCI-HAR_Tidy_Dataset

Binary key based permutation for medical image encryption
IEEE Publication | August 2016
- https://ieeexplore.ieee.org/document/7830180

Work Experience

Asst. Professor & Asst. Training and Placement Officer
RAIT, Dr. D. Y. Patil University | January 2017 - Present
- Taught **R Programming, Java Programming, Data Mining and Business Intelligence, Digital Business Management** and so on.
- Responsibilities: Placement Training & Placement drive conduction, Academic Project Mentoring, Result Analysis and so on.

Technology Trainer | Guest Speaker
- Trained 30+ Learners in R | Nelumbus Educare | March 2021
- Trained 70+ Learners in Java | D.Y.Patil Engg. Campus, Pune | 2018
- Speaker on Topic: Websites & Blogs | D.Y.Patil Medical Campus | 2019

Web Analytics Analyst
Naybhadra Healthcare | May 2019 - April 2020
- Developed Website: https://naybhadrahealthcare.com/
  - Keyword research using **Google Analytics** – Keyword planner tool
- Researched & created brand name 'EarthAyu' and logo for 'EarthAyu'

Data Analyst - Internship
Shreekrupa Stone Crushing Co. | May 2016 - December 2016
- Developed **Excel VBA** Product for daily, monthly & yearly Reporting, Analytics and Visualization dashboard.

Academic History

Master of Engineering in IT
University of Mumbai | 2013-2016

Bachelor of Engineering in IT
University of Mumbai | 2010-2013