



Sachin Bhopi

Data Analyst

Summary

Experienced individual with strong analysis & research skills along with a Master's degree in IT. Coming with 7+ years of teaching & research experience along with the ability to perform data collection, data cleaning, data analysis and visualization in a varied data environment & having an adept understanding of R, Python, Tableau, SQL & Adv. Excel

Get in touch!



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github.com/b-sachin

Skills

Languages

R | Python | Java | C | SQL |
Markdown | HTML | Latex

Tools & Technology

RStudio | Tableau | SQL Server |
Adv. Excel | Anaconda | Jupyter |
Git & GitHub | Google Analytics

Technical Skills

Data Collection | Data Cleaning |
Data Mining | Data Analysis |
Visualization | Machine Learning |
Data Structure & Algorithm

Libraries

dplyr | tidyr | ggplot2 | Pandas |
Numpy | Matplotlib

Awards/Certificates

- **Specialization: 'Data Science: Foundations using R'**
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

Trainer/Speaker

- Trained 30+ Learners in R
- Trained 70+ Learners in Java
- Trained 100+ Learners in Excel

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

Profitable Customers Credit Card Approval Predictive Model

Individual Project | September 2021

- Binary classification model to increase profit of bank by providing credit card to profitable customer with 83.94% AUC and 14.64% incremental financial value per applicant over no model.
- Tools & Techniques: Excel, Liner Regression, Binary Classification
- <https://github.com/b-sachin/Data-Science-Projects>

Analyzing FDI distribution in Sectors of India

Individual Project | October 2021

- FDI Analysis through dynamic dashboard showing Foreign Direct Investment over 16 years across various sectors in India.
- Tools & Techniques: Tableau
- <https://public.tableau.com/app/profile/sachin.bhopi>

Binary key based permutation for medical image encryption

IEEE Publication | August 2016

- <https://ieeexplore.ieee.org/author/37085798899>

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, etc.
- Responsibilities: Placement Training & Placement drive conduction, Academic Project Mentoring, Result Analysis, and so on.

Website Manager

Naybhadra Healthcare | Freelance | May 2019 - April 2020

- Developed Website: <https://naybhadrahealthcare.com/>
 - Keyword research using Google Analytics - Keyword planner tool
- Designed logo for the brand name '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

M.E. in IT | University of Mumbai
2013-2016 | 8 CGPI

B.E. in IT | University of Mumbai
2010-2013 | 64.13 %