



# Sachin Bhopi

## Data Engineer

### Objective

Motivated data engineer 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, exploratory data analysis in a varied data environment & having an adept understanding of languages such as R, Python & Java.

### Get in touch!

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 [github.com/b-sachin](https://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](https://rpubs.com/b_sachin)

#### 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/Data-Science-Projects>

#### 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.

#### 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
- 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

#### Master of Engineering in IT

#### University of Mumbai | 2013-2016

#### Bachelor of Engineering in IT

#### University of Mumbai | 2010-2013