

# Rohan R. Pawar

Data Analyst,  
Software Engineer

- 18th July 1996
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- Nationality: Indian

## Social Network

- LinkedIn Profile
- Github Profile
- StackOverFlow Profile
- My Website

## Languages

- English
- Hindi
- German

## Soft Skills

- Effective Communication
- Team Work
- Problem Solving
- Critical Thinking
- Integrity and Adaptability
- Willingness to Learn
- Time Management

## Working Experience

- Project Trainee - Apprenticeship** Persistent Systems Limited  
Contributing to the technical development of the solution
  - Work with business analyst groups to ascertain their database reporting needs. Understanding data warehousing concepts.
  - Writing Python Scripts to Pull big data from various sources and manage all the data on spark clusters. Writing various database connectors in python to automate SQL tasks.
- Software Engineer | Data Analyst** Persistent Systems Limited  
Development of complex ETL pipelines and building dashboards
  - Natural language processing using python's NLTK library. Creating ETL and ELT to process for multiple tables from different warehouses and add business logic optimistically.
  - Applying expertise in data storage structures, data mining, and data cleansing. and creating Visualization Dashboards for various business solutions using different tools like Power BI, Tableau, DOMO and ThoughtSpot.
  - Implementing Machine Learning algorithms for prediction and analyze. Using libraries like Scikit learn, Pandas, NLTK, NumPy, and Matplotlib to build optimised and clean analytical solutions.
- Data Analyst** Canals Solutions and Experiences  
Building Data Products on Cloud
  - Building and Maintaining Web Crawlers for various vendors using Python Scrapy Framework to extract Prices and Models.
  - Building Data Pipeline for mobility verticals using various ETL/ELT tools. Automate PowerPoint Presentation Slides using Raw Data.
  - Migrating Locally build pipelines to Cloud using native cloud services like S3, AWS Athena, Lambda and RDS.

## Education

- Bachelor of Computer Engineering** SP Pune University  
Focus: In-depth studies on the Computer Science and its derivatives. Methodologies in Software Engineering, Object Oriented Programming, Microprocessors, Computer Networks.
- Higher Secondary Certificate Examination** Kolhapur Divisional Board  
Focus: Fundamentals of Science, Physics, Chemistry, Differential Algebra, Integration, Geometry, Computer Science
- Secondary School Certificate Examination** Kolhapur Divisional Board  
Focus: General Science, Mathematics, History, Economics and Languages

## Awards

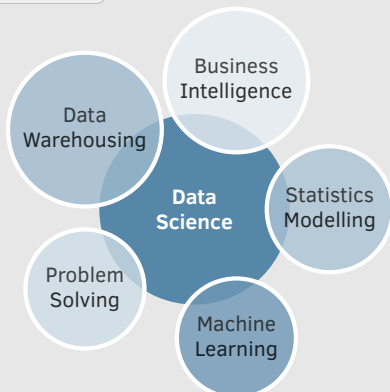
- Bravo - Individual Award** Persistent Systems Limited  
For implementing Keyword extraction algorithm in government POC, Creating Data Prep tasks for ShareInsights Platform
- High Five Award** Persistent Systems Limited  
For Implementing Bug Triage System for CISCO and creating visualization to give detailed analysis on related bugs
- High Five Award** Persistent Systems Limited  
For designing Dashboards for Industrial Analysis use-case using DOMO tool
- High Five Award** Persistent Systems Limited  
Contribution to Data Foundry Project

## About Me

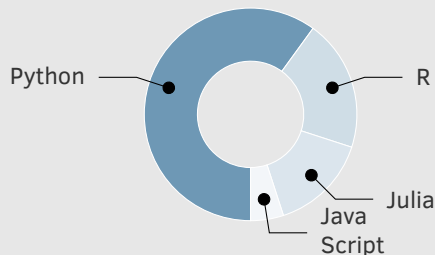
I am a skilled Data Analyst and Software Engineer with 2.5+ years of experience. I have developed array of skills in Data Analysis and Visualization Techniques. I am passionate about Machine Learning and I have built several use cases using Python and R. My aim is to be a Data Scientist.

## Technical

### Key Skills



### Language Proficiency



## Domain

### Data Analytics and Visualization



### Machine Learning



### ETL and SQL



## Memberships



Association for Computer Machinery (ACM)

## Publications

2018

### Autonomous vehicle with Raspberry Pi using deep learning

Paper published on "Autonomous vehicle with Raspberry Pi using deep learning" in "International conference on Emerging Trends in Science, Engineering and Technology (ICETSET-2018)"

## Projects

### Big Data ETL

Creating optimized ETL & ELT tasks. Use best practises to minimize response time on dashboards like partitioning, Bucketing, Archiving.

### Bug Triage System

Creating ETL business logic and visualization using High-Chart graphs to show bug related information to developers, Managers and Testing teams.

### Text Analytics

Implementation platform to analyze text data and extract Highly used terms using RAKE and TF-IDF algorithms.

### Sentient Risk Management

ETL flow design and visualizing the Risk parameters. Analyze the Risk related Parameters to help business user take precautionary measures.

### Industrial Analytics

Designing ETL and Dashboards to showcase daily updates of production machine KPIs and based on this analysing finance matrix like Return on Assets, Backlog, Delayed Revenue Recognition.

### Loan Defaulter Prediction

Creating Web App which will execute ETL including Machine Learning algorithm to predict possibilities of being a loan defaulter. Model was trained on famous Lending Club data set.

### Contact Tracing

Writing a AWS Lambda function to read data from API gateway, Perform De-duplication and Push it into Graph-DB.

### Teradata to BigQuery Migration

Writing Shell scripts to perform DB Assessment using BTEQ, TPT Build. Python code to convert Teradata DDL and DMLs into BigQuery equivalent.

## Technical Skills

- **Languages:** Python, PySpark, R, Julia, JavaScript, C++, HTML, CSS
- **Database Systems:** MySQL, Athena, Cazena, Hive, MongoDB, Snowflake, Oracle, BigQuery, Teradata, SQL Server, Azure Synapse
- **Analytical Tools:** Power BI, Tableau, DOMO, ThoughtSpot, Google Analytics, Data Studio, Azure Data Factory, Matillion ETL
- **Operating Systems:** Fedora, Ubuntu, Windows, Mac OS, Android, Cent-OS
- **Applications:** Pycharm, Jupyter Notebook, Eclipse, Xampp Server, VS Code, Git
- **Others:** Wordpress, Latex, AWS, GCP, Azure Warehouse, Putty, Postman REST API, Shell/Bash

## Extra curricular

- Participated in Hackathon named Semicolon, organized by Persistent Systems. We successfully build a web and mobile application to detect industrial safety glasses used by workers. Our solution was amongst top 10 best solutions.
- Participated and Volunteered in "Engineering Today: The 11<sup>th</sup> National Level students' technical Symposium and Exposition" organized by AISSMS College of Engineering, Pune.
- Participated in two days workshop on "Machine Learning in Python" organized by the "Institution of Engineers India (IEI)".
- Participated in one day workshop on "Azure Cloud Computing" Organized by the "IBM" and "Institution of Engineers India (IEI)".