

RASHMI PADALKAR

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SUMMARY:

- Data Analyst with 4 years of experience in data cleansing/wrangling, and data manipulation.
- Hands-on experience with Spark MLLib utilities such as regression, classification, clustering, collaborative filtering, and dimensionality reduction.
- Experience with Data Analytics, Data Reporting, Ad-hoc Reporting, Graphs, Scales, pivot tables, and OLAP reporting.
- Extensive experience with Relational Databases and using SQL for data analysis including joins and Analytical functions.
- Experience with data warehousing, ETL processes, and database management concepts with tools such as Dedicated team player with excellent communication and presentation skills.
- Experience with Requests, NumPy, SciPy, Pytables, cv2, imageio, Python-Twitter, Matplotlib, HTTPLib2, Urllib2, Beautiful Soup, Data Frame, and Pandas python libraries during the development lifecycle
- Possess a strong mathematical and statistical background with proficiency in programming languages like R and SQL.

EDUCATION

NYIT – New York Institute of Technology, New York, USA

Master's in Data Science | **GPA: 3.65**

Relevant Courses: Probability and Statistics, Data Mining, Machine Learning, Big Data Analysis, Optimization for Data Science, Deep Learning, Data interaction, and visualization.

MIT - World Peace University (MIT-WPU), Pune, India

Master of Science (Big Data Analytics) | **GPA: 3.81**

Relevant Courses: Big Data Analytics, Python Programming, Artificial Intelligence, Data Warehouse, Amazon Web Services

University of Pune, Sinhgad College of Science, Pune, India

Bachelor of Science (Computer Science) | **GPA: 3.3**

Relevant Courses: Data Structure, Data Base Management, Java Programming, Theoretical Computer Science

TECHNICAL SKILLS

Programming Languages	Python, R Programming, C, HTML5, CSS
Data Visualization	Tableau, Power BI, Plotly, AWS Canvas, Google Charts
Database	MySQL, MongoDB, Postgres, SQLServer, PySpark
Technologies	Hadoop MR, Spark, Flume, Hive, Sqoop, Kafka
Cloud	AWS Cloud
Machine Learning and Deep Learning Algorithms	Support Vector Machine, Random Forest, Decision Tree, K-Means and Fuzzy Clustering, KNN, LDA, QDA, MLP, CNN, RNN, NN, MLP, LSTM

Certificate: Advanced Google Analytics, Power BI, Deep Learning in Python and Machine Learning from Coursera, AWS Machine Learning Scholarship from Udacity, Business Intelligence Analyst and User Interface Design from Udemy, C language from Envision.

Publication: Research paper on Engineering College Admission Preferences Based on Student Performance in International Journal of Computer Applications Technology and Research (IJCATR), with the team, Volume 8, Issue 09, September 2019

ACADEMIC PROJECTS

Airbnb NYC Analysis

November 2022 – December 2022

Skills and Tools: Tableau Prep, Tableau Desktop, Tableau Public, Storyline

- Designed and built a storyline for **analyzing** how different factors influence business strategists.
- Created interactive **10+ filters, parameters, and calculations** for dashboard and worksheets in Tableau.
- Provided **Insights** for Airbnb Business Owners on increasing **profitability** and identifying the best locations for new Airbnb.

Amazon's Top 50 Bestselling Books from 2009-2019 Using Spark

April 2022 - May 2022

Skills and Tools: Plotly, Sklearn, Pandas, NumPy, Seaborn, Google Colab, and Spark Mllib

- Analyzed Amazon's best-selling books categories to **predict** customers' propensity for reading between 2009-2019
- Develop different algorithms such as **Decision Tree and Random Forest using Spark to predict** the two major categories, fiction, and nonfiction books.
- To achieve a **95%** accuracy level, the model's output was blended with other evaluation measures.

PROFESSIONAL EXPERIENCE

FirstCry (Brainbees Solution Pvt Ltd), Pune, India

January 2021 – August 2021

Data Analyst

- Designed and implemented **data systems**.
- Applied a variety of **Machine Learning Algorithms and Challenging SQL Queries** to improve performance and quality data by **60% accuracy** to various business initiatives.
- The outcomes we attained were **successful** in meeting the anticipated business needs.
- Effectively shared challenges and project requirements with project management.
- Received, prepared, and disseminated departmental internal **reports using Tableau** for evaluation and distribution to pertinent project stakeholders.

Environment: SQL, Python, Oracle, Machine learning algorithms, SharePoint, Tableau, ETL Pipeline, AWS S3, MS Excel, Linux

Ethogas Green Energy Systems LLP, Pune, India

May 2018 – January 2021

Data Analyst

- Implemented **100+ Creative Reports** using Power BI on various business projects.
- Determined **optimal pricing strategies** to facilitate funds management and achieve revenue goals.
- Supervised **model development, testing, and validation** of **10+** business projects.
- Python automation framework for reporting and **ETL** development.
- Optimized backend **API** in Python for use with a front-end reporting application
- Contributed to weekly and monthly reports on product development and design and increase revenue by **20%**.

Environment: Power BI, MySQL, Python, PySpark, OLAP, Scala, ETL Pipeline, cv2, Machine learning, Deep learning

Cummins India Office, Pune, India

November 2017 – April 2018

Python Developer

- Built **5+ Automated Projects** with the end-to-end solution.
- Proficient **working knowledge** of Power BI and Visual Basic.
- Collaborated with **other team members** and worked on Python web scraping.
- Develop and implement databases, data collection systems, data analytics, and other strategies that optimize statistical efficiency and quality.

Environment: VBA, Python web scraping, PySpark, Power BI, Selenium, Beautiful Soup, SharePoint, Python