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
- Be able to deliver on many assignments, meet deadlines, and be effective and decisive under pressure. You should also have strong organizational, negotiating, and analytical abilities.
- Possess a strong mathematical and statistical background with proficiency in programming languages like R and SQL.
- Devoted team player with top-notch presenting and communication abilities.
- Solid proficiency with Python PEP-8 Guidelines and Linux Bash scripting.
- Be proficient in programming languages like R and SQL and have a solid foundation in mathematics and statistics.

EDUCATION

NYIT – New York Institute of Technology, New York, USA
Master's in Data Science | **GPA: 3.69**
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, NoSQL
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

A Predictive Model for Uber and Lyft Price Using AWS   **January 2023 - May 2023**

Skills and Tools: EC2, S3, SageMaker, Tableau, Python Flask, Visual Studio, Plotly, Sklearn, Pandas, NumPy, Seaborn, Google Colab, Machine Learning Algorithms

- Established an interactive **dashboard** using Tableau that aids in determining which feature will be utilized to forecast price.
- Finding a model such as **Random Forest with help of AWS SageMaker** that correctly anticipates prices can assist customers in making the optimal commute decision.
- To achieve a **96%** accuracy level, the model's output was blended with other evaluation measures.
- Implement the **ETL** Pipeline to move massive amounts of data from S3 buckets to EC2 Servers.
- Constructed a website using **Python Flask** where users may determine which ride will be less expensive at that moment.

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.
- Identify the house type and profitable places that are also substantially less competitive.
- Provided **Insights** for Airbnb Business Owners on increasing **profitability** and identifying the best locations for new Airbnb.

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, Big Google Big Query 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.
- Created data mapping, transformation, and cleaning rules for the OLTP, ODS, and OLAP components of the master data management architecture.
- Developing pricing models to aid revenue managers in reaching the optimal price for new clients and helping them to use the models to make better decisions.
- Collaboration between the DBA and the automation team on a productionized solution.
- Managed huge amount of data such as Terabyte using cloud platform.
- management for prediction and financial decision-making, summarizing analytical data into reports that are easy to read.
- Developed visualization Power BI dashboards, tested them, and reviewed them with the user base.

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

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%**.
- Wide-ranging expertise in Business Intelligence, Master Data Management, and Enterprise Information Management and Architecture technologies.
- Constructed and continues to maintain a scalable data infrastructure that combines several user-level data sets into a single view to make analytics simple and efficient for all Confidential workers.
- Python was used to create analytical solutions.
- Developing pricing models to be utilized in better decision-making to obtain the best price for new accounts and supporting Revenue Managers to apply the model to improve decision-making.
- Created Tableau ad hoc reports using excel sheets, flat files, and CSV files.
- Forward engineering was used to build a Physical Data Model with DDL that best satisfies the Logical Data Model's needs.
- Used relational and non-relational tools like SQL and No SQL to construct data warehouse, data lake, and ETL systems.

Environment: Power BI, MySQL, Python, PySpark, OLAP, Scala, ETL Pipeline, cv2, Machine learning, Deep learning, javaScript, Statistical Modeling, Data Management, Data Quality

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.
- The automation of financial reports using SAS programming and scripting to create accurate and timely reports.
- Developed normalized Logical and Physical database models to design OLTP systems.
- Responsible for ETL Operation, which extracts and transforms the data to Data Warehouse
- Gathered the requirements, analyzed the gaps, and worked with cross-functional teams to finalize the business needs.

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