Maeva Ralafiarindaza

DATA SCIENTIST

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ABOUT

Highly motivated and experienced Data Analyst moving into the field of Data Science and Machine Learning. My passion is working with data technology and logic to seek answers to critical questions, figure out solutions to problems, and empower others in their work. I am looking to apply my data and technological skills in solving critical problems and further grow my skill sets, particularly in the fields of Healthcare and Finance.

TECHNICAL SKILLS

- Python (SciPy, Pandas, Streamlit, Geopandas, Jupyter)
- R (Tidyverse, Shiny, RStudio)
- SQL (PostgreSQL, SQL Server, MySQL)
- Machine Learning (Supervised, Unsupervised)
- NoSQL (Neo4j, MongoDB, Redis)
- Javascript (Typescript, NodeJS, React)
- Spreadsheet (Excel, Google Sheet)
- Cloud Systems (Azure, Heroku)
- Collaboration Systems (Github, Kaggle, Colab, Slack, Zoom)

SOFT SKILLS

- Critical Thinking
- Problem-Solving
- Logical Reasoning
- Teamwork
- Public Speaking
- Communication
- Training / Coaching
- Self-Guided Learning

EDUCATION

BOOTCAMP, DATA SCIENCE
2021 | Nashville Software School, Nashville, TN

MASTER OF SCIENCE, INFORMATION SECURITY
2014 | Lipscomb University, Nashville, TN

BACHELOR OF BUSINESS ADMINISTRATION, IT MANAGEMENT
2012 | Lipscomb University, Nashville, TN

BOOTCAMP HIGHLIGHTS

NASHVILLE HEALTHCARE PROVIDERS
- Teamwork with 16 data scientist apprentices to leverage the 2017 Hop Teaming dataset of Medicare referral claims and examine how Medicare patients move through the intricate and complicated Middle Tennessee healthcare system.
- Google Site: https://sites.google.com/view/nashvilleprovidersds4
- Repository: https://github.com/nss-data-science-cohort-4/hcbb_hop_team-3m

PROJECT COVFLU
- Created a R-Shiny dashboard application that features a data-based comparison between the effects of Covid-19 in 2020 and Influenza in 2019 on the basis of the U.S. cases demographics.
- Shiny App: maevadevs.shinyapps.io/Project_CovFlu
- Repository: github.com/maevadevs/project-covflu

BOOTCAMP HIGHLIGHTS (Cont.)

REPRESENTATION & INCLUSION OPPORTUNITY
- Teamwork in the making of a R-Shiny dashboard application to help companies see how their employee's diversity makeup compares to the broader demographics and illuminate areas where outreach or improved efforts could be beneficial.
- Shiny App: maevadevs.shinyapps.io/People3_Diversity_Inclusion
- Repository: github.com/nss-data-science-cohort-4/dq5-people3-diversity-inclusion

PROFESSIONAL EXPERIENCE

DATA SCIENTIST APPRENTICE | Sep 2020 - Present
Nashville Software School

NSS is a technical school that provides a 9-months intensive learning program in technical, visual, math, and storytelling skills for Data Science through practical application and hands-on projects.
- Develop technical skills needed for data science projects with SQL, Python, R, Math, Big Data, Machine Learning.
- Develop soft-skills that data scientists need on a daily basis: Critical Thinking, Teamwork, Communication, Participation, Problem-Solving, Research, Public Speaking.
- Apply newly learned skills with hands-on applications on real-word projects over multiple domain-knowledge.
- Build and deliver data science deliverables in a timely fashion.

DATA ANALYST | Oct 2020 - Present
Promises Behavioral Health

PBH is a nationwide healthcare provider headquartered in Brentwood, TN that provides treatment programs related to mental health, addiction disorder, eating disorder, and trauma.
- Hands-on analysis and reporting on medical, operational, and financial data from EMR, CRM, and RCM systems.
- Provide data-based insights on various business process improvements and use-case scenarios.
- Contribute in the development and enhancement of data infrastructures, data pipelines, and data project deliverables.
- Teamwork with the IT team and overall staff on different data-related projects.

IT & MEDIA TRAINER | June 2012 - Oct 2020
Healing Hands International

HHI is a mission-focused Non-profit organization that provides material aid and spiritual empowerment around the world.
- Oversaw all data systems and data security.
- Analyzed financial data using SQL, Excel, Access.
- Produced financial reports and visuals for decision makers.
- Generated textual and visual documentations.
- Implemented project analysis and transition of IT infrastructures to Cloud-based systems.
- Trained and assisted staff in the use of technological assets.