

PRABHJYOTH · MATTUMMAL

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EDUCATION

M.Sc. (Hons.), INFORMATION TECHNOLOGY
(Amity University)

Jul. 2023 – present
DUBAI/NOIDA, UAE/IN

B.S. APPLIED COMPUTER SCIENCE
(Uttaranchal University)

Jul. 2022 – present
DEHRADUN, IN

M.S. STATISTICS AND DATA SCIENCE
(Katholieke Universiteit Leuven)

Sept. 2021 – Jul. 2023 (paused)
LEUVEN, BE

B. (Hons.), FINANCIAL ENGINEERING AND MANAGEMENT STUDIES
(University of Delhi)

Sept. 2017 – Jul. 2021
DELHI, IN

PROFESSIONAL EXPERIENCE

SENIOR DATA ARCHITECT
(Kantar-XTEL)

Feb. 2024 – present
LEUVEN, BE

DATA ARCHITECT
(Kantar-XTEL)

Feb. 2023 – present
LEUVEN, BE

- Python & R programming with particular business analyses on FMCG product industry.
- Collaborated in building and developing a Python framework with the aim to make the data elaboration process and the Machine Learning experiments easier, safer and faster.
- Developed a service to automatically perform a set of unit tests daily on a product in development in order to decrease time needed for team members to identify and fix bugs/issues.
- Incorporated scripts using Python and PowerShell to aggregate XML test results into an organised format and to load the latest build code onto the hardware, so that daily testing can be performed.
- Explored ways to visualise and send a daily report of test results to team members using R, Python, and Markdown.
- Collaborated with team members using version control systems such as Git to organise modifications and assign tasks.

PROJECTS

Woise: a WebApp | Python, AWS, Streamlit

Jun. 2023

- A predictive tool that utilises forecasted weather and air quality data to estimate noise levels.
- To generate predictions, the app calls the appropriate weather/air quality API to fetch real-time data, prompts the user for their location input, and extracts the current time information.
- The preprocessed data is fed into the loaded models to generate predictions for noise levels.

Sentiment Analysis on COVID-19 Vaccines | R, Python

Apr. 2022

- To what extent and account how characteristics explain people positive/negative attitude related to COVID-19 vaccines.
- Text analysis on scraped data from Twitter to find out the main subtopics disputed by people who engage in social media discussion about COVID-related matters.

ANALYTICAL SKILLS

- | | | | |
|----------------------------------|------------------------|--------------------------|--------------------------|
| • Data Structures and Algorithms | • Sentiment Analysis | • Machine Learning | • Database Management |
| • Scientific Computing | • Time Series Analysis | • Theoretical Statistics | • Cloud/Data Engineering |
| | • Applied Econometrics | • Systems Programming | • Computer Architecture |

TECHNICAL SKILLS

Languages: SQL, Python, C++, Julia, R, HTML/CSS, SAS

Developer Tools: Vim, Visual Studio Code, Linux, Git, Conda, PostgreSQL

Technologies/Frameworks: Apache Spark, Amazon Web Services, Microsoft Azure, Google Cloud Platform, Django

LEADERSHIP / EXTRACURRICULAR

Fraternity

Spring 2020 – Present

President

University Name

- Achieved a 4 star fraternity ranking by the Office of Fraternity and Sorority Affairs (highest possible ranking).
- Managed executive board of 5 members and ran weekly meetings to oversee progress in essential parts of the chapter.
- Led chapter of 30+ members to work towards goals that improve and promote community service, academics, and unity.