Luís Pedro Miranda Mesquita

Personal Information

30 of march of 2000

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Main Skills

Power BI

Python

Tableau

SQL

Data Tranformation and Visualization

Certifications

Power BI Data Analyst Associate

Hobbies

About me

I'm Biomedical Engineer working in the area of medical devices. I'm responsible of configuration, installation and demonstration of medical devices software solutions in clinical environments. I've acquired excellent communication skills, problem solving techniques and IT overall knowledge.

I have a solid academic background in Engineering and I'm looking for a challenging role aligned with my ambitions. I have an analytical mind and great interest for data insights. My main technical skills are Power BI, SQL, Python and Tableau. I've got the Microsoft Power BI Data Analyst Associate Certification and I'm actively looking for a new job!

Academic Background

Bachelor's Degree in Biomedical Engineering   2018 - 2021
Instituto Superior de Engenharia do Porto

Master's Degree in Biomedical Engineering   2021 - 2023
Instituto Superior de Engenharia de Lisboa

Professional Experience

Biomedical Engineer   January/2023 - currently
at Multipore   > 1 year

- Configuration and installation of medical devices software solutions in clinical environments;
- Medical devices demonstrations;
- National technical assistance;
- Close contact with clients in solving problems;
- Client's IT infrastructure support.

Additional courses

The Business Intelligence Analyst Course
365 Careers at Udemy

The Complete SQL Bootcamp
Jose Portilla at Udemy

Microsoft Power BI Data Analytics
Coursera

Portfolios - Personal Projects

https://public.tableau.com/app/profile/luis.mesquita/vizzes

https://github.com/luipmesquita

Highlighted Academic Projects

Master's Thesis - Analysis of striatum and substantia nigra on Parkinson's Disease using MRI T2w and DaTSCAN SPECT images

Analysis of PD with comparative quantification methods of cerebral structures, involved in dopaminergic systems, in DaTSCAN SPECT and MRI T2 images. Different quantification methods were compared and the evolution of PD was studied. One of the conclusions was that the ThreeBox method on SPECT images was ideal to study Parkinson's Disease.

Using Artificial Intelligence in chest X-ray images

Analysis of chest x-ray images using Python and Orange 3. It was developed a methodology for separation of normal and abnormal images, using radiomics and predictive algorithms. Scientific article was published on ROENTGEN 2023 journal.

Automatic segmentation of cerebral tumors with OpenCV

Analysis of CT images with brain tumors. Development of an algorithm capable of delineation and quantification of cerebral tumors. It could separate the tumor itself from infiltrative mass and brain mass. It was developed using Python and OpenCV.

Scientific Articles

- "Algoritmo de Aprendizagem Automática na classificação de radiografia ao tórax em incidência frontal como "normais" ou "patológicas" - *Journal ROENTGEN 2023*

Microsoft

Luis Mesquita

has successfully passed all requirements for

Microsoft Certified: Power BI Data Analyst Associate

Credential ID: B1544CECB5EF1018

Certification number: 6C257Y-775272

Earned on: April 5, 2024

Expires on: April 6, 2025

Microsoft CERTIFIED

ASSOCIATE

Satya Narayana Nadella

✓ Online Verifiable