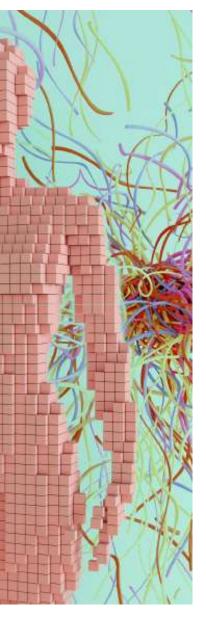


Why this course



Because optimizing your data science skills can improve your therapeutic options, your healthcare organization's outcomes and - most importantly - improve the health status of the population.

Because skills in health data analysis are as essential in an epidemic as in maintaining regular health care, thus crossing the different dimensions: clinical, risk assessment, management, etc.



About this course

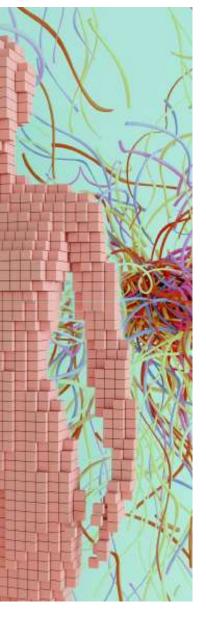


Meets data science requirements in the new health era, towards datadriven innovative health solutions.

This program is practical, cross-disciplinary and closely linked to Healthcare organizations and industry.

Blends Healthcare organizations with Academia & Research.

Focus on value creation and health outcomes, through a translational approach in health, informatics and mathematics.

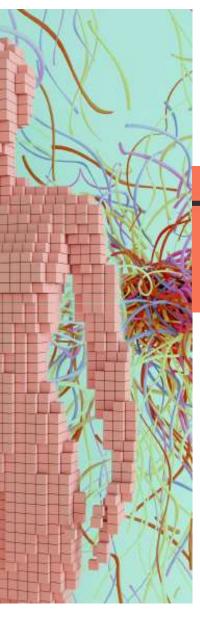


Who should take this course



Professionals with the desire to improve their analytical capacity in order to transform data into knowledge, who seek to solve new and challenging problems and intend to develop a career in an area with enormous potential for growth.

If you have a degree in health, management, engineering, mathematics, computing or similar areas and you work, or wish to work, in health organizations/health-related industry, this is an excellent opportunity to join our Team!

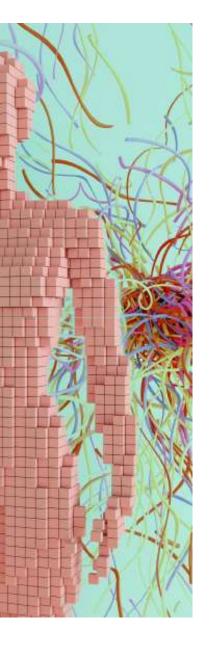


About this course



1year - 60 ECTS





Program Council



Carina Silva, ESTeSL

PhD Probability and Statistics Biostatistician Coordinator of the PG



Gilda Cunha, ESTeSL

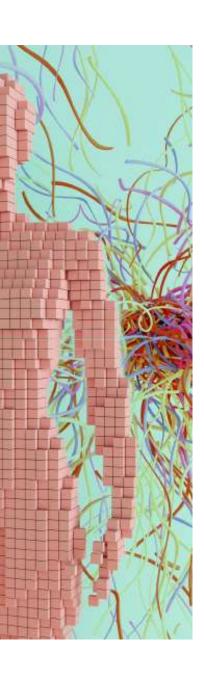
MSc Statistics and
Information Management





Marina Silva, ESTeSL

PhD Environmental Sciences



Our Team



Marta Sousa, Habber Tec



Patrícia Narciso, Habber Tec



Margarida Eiras, ESTeSL





Pedro Nascimento, Habber Tec



Ana Marreiros, UAlg



Alexandra Cerqueira, HCBM



Gilda Cunha, ESTeSL



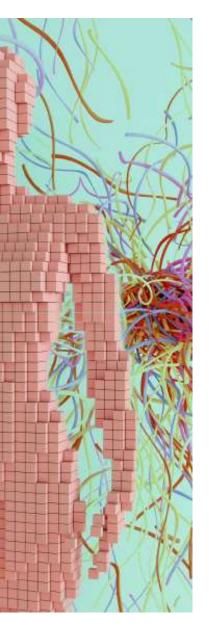
Marina Silva, ESTeSL



Carina Silva, ESTeSL



Bruno Trigo, BIQ Health Solutions

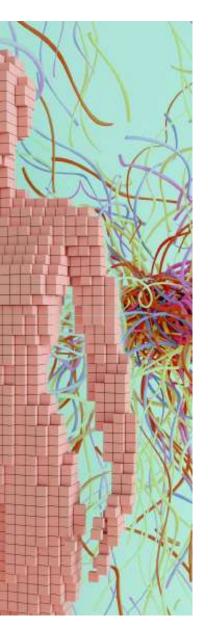




What to expect during this program

Student will gain skills in health data science with a solid academic background meshed with business methodologies to meet healthcare needs.

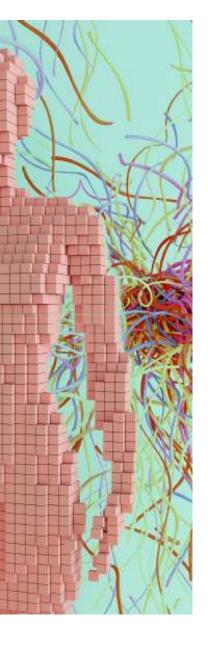
- fundamental concepts in data science such as statistics, machine learning, data visualization, and programming languages like Python or R. Additionally, there will be courses focusing on healthcare-related subjects such as epidemiology, healthcare systems, medical informatics, and bioinformatics.
- -Practical Projects: You'll likely engage in hands-on projects where you apply data science techniques to real-world health-related problems. These projects could involve analyzing medical records, genomic data, clinical trials data, or health behavior data to derive insights or develop predictive models.



What to expect during this program



- **Networking Events:** online and in-person
- **Mentoring:** Feedback and Evaluation, Professional Development, Career Advice
- **Coaching:** Overcoming Challenges, Skill Development, Goal Setting, Accountability





What to expect after this program

Student will gain skills in health data science with a solid academic background meshed with business methodologies to meet healthcare needs.

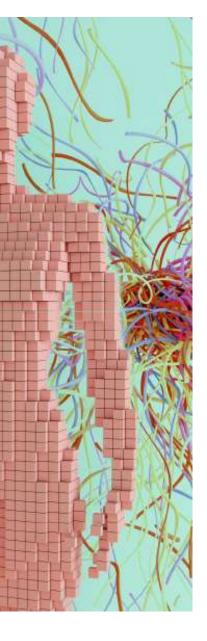
Employers include government and health institutions, technology companies, consulting and research firms.



Prize for the best student



Optional Internships



Important dates



Kick-off Lesson: September

Classes will be held September 2024 to July 2025

Online classes will be held on Thursday, Wednesday and Tuesday, from 5:00pm to 9:00pm

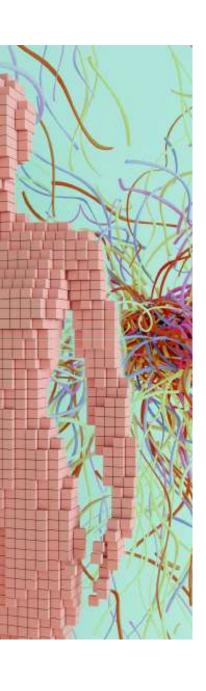




Stay tuned

Email: hds@estesl.ipl.pt

Page: https://www.estesl.ipl.pt/cursos/pos-graduacoes/health-data-science





CLEARING THE BOUNDARIES BETWEEN HEALTH AND DATA SCIENCE