

Data Scientist

STUDIA PODYPLOMOWE

Sposób realizacji: Online

Obszar studiów: IT / Big Data / AI

Cechy: Od października • Angielski

Miasto: Gdynia

This program is for people who:

- For those who want to enter the world of data analysis and Big Data.
- For those who want to change careers and gain new skills.
- For specialists who want to make decisions based on data.
- For everyone who wants to work with Python, SQL, and R on a daily basis.
- For those who focus on practice!



93%

participants recommend postgraduate studies

* Source: "Study Satisfaction Survey 2024, sample: 2,050 people."

90%

Employers highly value collaboration with our universities.

* Source: BAM Brand Attributes Survey among collaborating employers, survey conducted in 2025.

Networking and Skill Development Studies develop skills regardless of experience.

Through interactive classes and exchanging experiences with others, you'll gain knowledge and skills.

Microsoft 365

Our participants receive a free A1 license, which includes popular applications such as Outlook, Teams, Word, PowerPoint, Excel, OneNote, SharePoint, Sway, and Forms.

Lecturers-Practitioners

The lecturers include entrepreneurs, business owners, and experts in many fields.

Online Access

High-quality education. All teaching materials will be available to you online.

Practical nature of the studies:

- a compact and intensive format – 11 sessions over 9 months,
- some classes are held in a workshop format,
- assessment is based on semester tests and a project defense.

Study program

9

Liczba miesięcy nauki

192

Liczba godzin zajęć

11

Liczba zjazdów

2

Liczba semestrów

BASICS OF STATISTICS WITH THE APPLICATION OF R/PYTHON

- Introduction to the problems of descriptive statistics (8 h)
- Introduction to mathematical statistics (testing procedure) (8h)

DATA ANALYSIS IN PYTHON

- Syntax, Arrays, Functions, and Panda (19 h)

DATA ANALYSIS IN R

- R and RStudio environment, atomic types, vectors, lists, functions, data cleaning (19 h)

ADVANCED VISUALIZATION METHODS (Plotly, Dash, R Shiny) R/Python

- Building interactive reports/applications (18 h)



SQL BASICS

- ERD diagrams, Normalization, SQL DDL, SQL DM (18 h)

MACHINE LEARNING IN PRACTICE (R/PYTHON)

- Supervised machine learning algorithms (linear regression, random forests, xgboost, time series analysis) (18 h)

INTRODUCTION TO DEEP LEARNING ALGORITHMS (KERAS, TESNOR-FLOW)

- Neural networks in the processing of numerical, categorical and image data (16 godz.)

DATA ANALYSIS BY MEANS OF SPARK (INTEGRATION WITH PYTHON AND R)

- Data processing and modelling in integration with Python and R (12 h)

ADVANCED SQL

- DDL/DML. Advanced quering (10 h)
- SQL integration with Python (10 h)

NON-RELATIVE DATABASES (NOSQL)-NP. MONGODB, ELASTIC, NOE4J. INTRODUCTION TO THE NOSQL DATABASE

- Querying of sample NOSQL databases (12 h)

ANALYST'S INTERPERSONAL SKILLS

- Image building psychology. The art of persuasion and public speaking (7 h)
- Methods of presentation and reporting (7h)

GIT - BASICS

- GIT - BASICS (2h)

PROJECT

- Project Seminar (8h)

ASSESSMENT FORM

- Final test (1 h)
- Final exam (1 h)



Warunki przyjęcia

Aby zostać uczestnikiem studiów podyplomowych na Uniwersytecie WSB Merito, należy:

- mieć ukończone studia licencjackie, inżynierskie lub magisterskie,
- złożyć komplet dokumentów i spełnić wymogi rekrutacyjne,
- o przyjęciu decyduje kolejność zgłoszeń.

[Dowiedz się więcej](#)

Możliwości dofinansowania

- **Pierwsi zyskują najwięcej!** Im szybciej się zapiszesz, z tym większej zniżki skorzystasz.
- Oferujemy specjalne, **większe zniżki dla naszych absolwentów.**
- Możesz skorzystać z dofinansowania z **Bazy Usług Rozwojowych.**
- Pracodawca może dofinansować Ci studia, otrzymując dodatkową zniżkę w ramach **Programu Firma.**
- Warto sprawdzić możliwości dofinansowania z **KFS.**

[Dowiedz się więcej](#)

What will you learn?

- You will learn **to process data in SQL** and **create reports using visualization tools.**
- You will understand **how artificial intelligence and neural networks work in practice.**
- You will learn **how to use data in finance, logistics, trade, and production.**
- You will **build interactive applications** and reports to present data.
- You will learn **how to analyze large data sets and use them in finance,** trade, logistics, production, or insurance.
- You will get to **know the basics of computer science, mathematics, and statistics,** as well as tools for visualizing and presenting data in a practical and understandable way – **to effectively support business decisions and company growth.**
- You will gain **confidence in presenting data and explaining** it clearly, quickly applying their skills.

Ceny

Dla Kandydatów

1 rok

2 raty **3730 zł** ~~4200 zł~~ (2 x 3730 zł)
Najniższa cena z ostatnich 30 dni: 3700zł

10 rat **766 zł** ~~860 zł~~ (10 x 766 zł)
Najniższa cena z ostatnich 30 dni: 760zł

12 rat **646 zł** ~~725 zł~~ (12 x 646 zł)
Najniższa cena z ostatnich 30 dni: 641zł



Cena jednorazowa: **7360 zł** ~~8300 zł~~

Najniższa cena z ostatnich 30 dni: 7300zł

Dla naszych absolwentów

1 rok

2 raty **3530 zł** ~~4200 zł~~ (2 x 3530 zł)
Najniższa cena z ostatnich 30 dni: 3500zł

10 rat **726 zł** ~~860 zł~~ (10 x 726 zł)
Najniższa cena z ostatnich 30 dni: 720zł

12 rat **613 zł** ~~725 zł~~ (12 x 613 zł)
Najniższa cena z ostatnich 30 dni: 608zł

Cena jednorazowa: **6960 zł** ~~8300 zł~~

Najniższa cena z ostatnich 30 dni: 6900zł

Dla kandydatów z zagranicy

1 rok

2 raty **3730 zł** ~~4200 zł~~ (2 x 3730 zł)
Najniższa cena z ostatnich 30 dni: 3700zł

10 rat **766 zł** ~~860 zł~~ (10 x 766 zł)
Najniższa cena z ostatnich 30 dni: 760zł

12 rat **646 zł** ~~725 zł~~ (12 x 646 zł)
Najniższa cena z ostatnich 30 dni: 641zł

Cena jednorazowa: **7360 zł** ~~8300 zł~~

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