


The background features a dark blue gradient with a faint, glowing line graph. The graph has several data points connected by lines, with some points highlighted in a bright yellow-orange. The overall aesthetic is modern and technological, suggesting data science or engineering.

DATA ENGINEERING

The Institute of Physics

The Faculty of Natural Sciences
of the Jan Kochanowski University

2021

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- From 2018, we conduct 3,5-year studies of first-degree in the field of **Data Engineering**
 - After finishing studies, graduates obtain the title of **Engineer**



We educate in areas:

Statistics

Probability theory

Stochastic processes

Discrete mathematics

...



Algorithms

Python and C# programming languages

Numerical methods

Data visualization techniques

...



Computer systems
organization

Computer networks

Database systems

Computer systems security

...



Neural networks

Machine learning

Deep learning

Data exploration algorithms

Evolutional algorithms

...

Modern laboratories



Computing cluster





Students can deepen their interests as part of the science club “SOLUTION”

The current scope of activities:

- Computer networks
- Robotics
- Web applications



International Student Exchange Program:

- The university is a partner in the Erasmus+ program erasmus.ujk.edu.pl
- students can travel abroad for studies and internships in companies, organizations or institutions operating in other countries participating in the program



Our graduates will be able to find employment in specialized institutions in obtaining and processing data, in securing data, in state and private companies in positions that require abilities to analyze information and create solutions supporting employers' strategies and decisions.



We provide:

- A friendly environment
- Lecturers' support
- A modern teaching infrastructure
- ...

The background is a dark blue gradient with a faint, abstract line graph. The graph features several data points connected by lines, with some points highlighted in a light yellow color. The overall aesthetic is modern and tech-oriented.

WELCOME

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