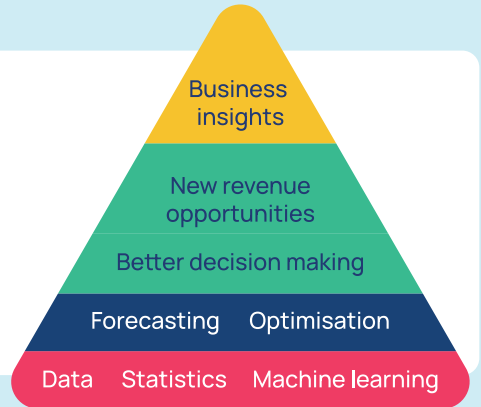**TSI** TRANSPORT AND TELECOMMUNICATION INSTITUTE

Data Analytics and Artificial Intelligence Research Cluster

The TSI Data Analytics and Artificial Intelligence research cluster fills the gap between cutting-edge research and businesses by focusing on data-driven research, consultancy and training, including big data analytics, statistical modelling, natural language processing, and other aspects of artificial intelligence.

Business insights

New revenue opportunities

Better decision making

Forecasting | Optimisation

Data | Statistics | Machine learning

PRIMARY DOMAINS

◆ Transportation

◆ Urban traffic flows

◆ Air transport industry

◆ Inventory control

◆ Logistics

BUSINESS VALUES

◆ Customer Analytics

◆ Pricing and assortment

◆ Costs optimization

◆ Supply chain planning

◆ Fraud prevention

KEY EXPERTISE

Multivariate statistics

Text and image mining

Advanced neural networks

Time series forecasting

Decision making

Optimization

2020
Year of Foundation

5
Senior Researchers & PhD Students

12
Projects in Portfolio

> No matter to which industry your business belongs, it generates data – on business transactions, financial operations, customer profiles, etc. This data is a valuable source of information and insights, but nowadays it is under-utilized by many businesses. TSI DA&AI cluster has extensive expertise in data processing and analytics and provides consultancy and practical solutions on forecasting, optimal planning, and decision support for helping your business extract value from data.

Professor, Dr.sc.ing. Dmitry Pavlyuk,
Head of TSI Data Analytics
& Artificial Intelligence Research Cluster

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