

DATA SCIENCE EXPERTS GROUP

A better world through data science

Data Analysis and Machine Learning

Data Analysis and Data Science

Data science and data analysis allow us to find patterns in datasets. By making these patterns explicit, and encoding the resulting information in a structured manner, they can be used to derive actionable insights. In the process we can better explain, predict, understand, manage, and benefit from the situations, events and circumstances that surround us.

Members of DSEG have expertise in:

- Statistical Analysis
- Data Mining
- Predictive Analysis
- Systems Analysis
- Mathematical Modeling
- Statistical Modeling
- Simulations
- Text Mining and Analytics
- Big Data
- Time Series Analysis
- Social Network Analysis
- Data Evaluation
- Data Validation
- Data Cleaning
- Data Interpolation

Machine Learning, AI and Automation

With new computer techniques and technologies, we are increasingly able to transfer tasks which were previously carried out by people over to computers. This may involve automating repetitive tasks or creating computer programs that can adapt to changing circumstances and carry out cognitively demanding tasks. Advances rooted in tangible computational and mathematical techniques can provide effective and powerful results.

Members of DSEG have expertise in:

- Clustering
- Classification
- Anomaly Detection
- Recommender Engines
- Neural Nets/Deep Learning
- Natural Language Processing

DSEG

Members & Associates

Data Systems and Applications

[Data Analysis and Machine Learning](#)

Data Hosting and Management

Portfolio

Contact Us

Data Visualization and Presentation

Our ability to think of questions (and to answer them) is in a very real sense limited by what we can visualize. Data visualizations and other forms of data presentation (such as dashboards or causal networks) are crucial elements for conveying the insights and messages hidden in the data.

Members of DSEG have expertise in:

- Visualization using R (ggplot, igraph)
- Python charts and maps
- interactive R displays
- Tableau
- javascript (HTML5) and D3.js plots