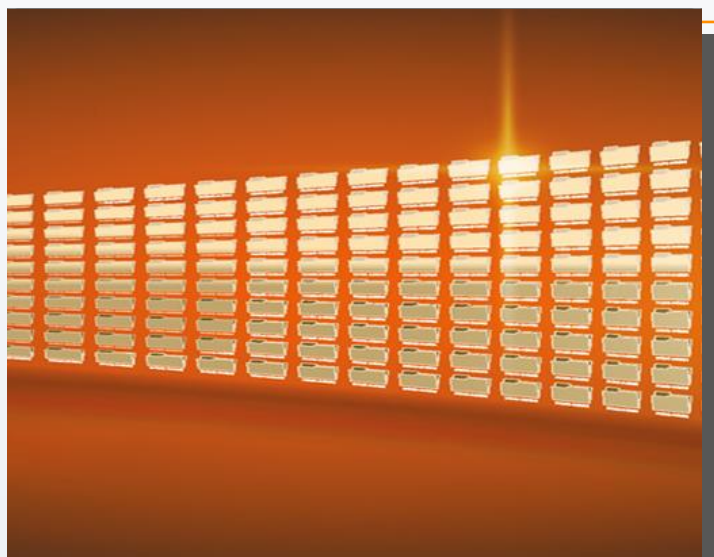


Machine Learning: Introduction to data-driven forecasting

ABOUT APPSPHERE AG:

AppSphere implements mobile and future-proof IT workplace concepts, solutions, and support for transforming business processes. We provide a holistic approach and long-standing expertise in creating the next-generation workplace.



What is Machine Learning?

"Machine learning is a sub-area of artificial intelligence (AI). With the help of machine learning, IT systems are enabled to recognise patterns and regularities on the basis of existing data and algorithms and to develop solutions. The insights gained can be generalised and used for new problem solutions or for the analysis of previously unknown data."

WHAT WE OFFER

Would you like to know how you can successfully use machine learning in your own company or which specific application scenarios you can cover with it and what advantages it offers you? Then take advantage of our **1-day Machine Learning Workshop**.

Machine Learning Workshop at a glance:

- Introduction to the topic of predictive analytics
- Terminology
- Supervised vs Unsupervised Learning
- Descriptive Analytics
 - Classification Algorithm
 - Clustering Algorithm
- Predictive Analytics
 - Regression Algorithm
- Text Mining
- Overview Neural Networks
 - Autoencoders
 - Image Recognition (CNN)
- Customized application examples
- Evaluation & conclusion: Machine Learning for your company
- (optional) Definition of next steps

Your benefit

- Introduction to the topic
- Well-founded overview of different procedures and their modes of operation
- Well-founded overview of possible applications
- Explanation of the added value for your company
- First experience in practical application (MS Azure), based on your own data Joint definition of recommendations for action regarding the introduction of Machine Learning in your company

Why Microsoft Azure?

Be future-ready

Continuous innovation from Microsoft supports your development today, and your product visions for tomorrow. With 1,000+ new capabilities in the past year, you can build on the latest advancements in AI, blockchain, Kubernetes, containers, and databases to keep you ahead of the curve.

Our enterprise grade analytics solution outperforms the competition, costs less, and is fully compatible with your existing development, BI, and data-science tools.

Operate hybrid seamlessly

On-premises, in the cloud, and at the edge—we'll meet you where you are. Integrate and manage your environments with tools and services designed for hybrid cloud.

Enhance security, simplify access, and set smart policies across your different environments with a single-identity platform trusted by 90% of enterprises globally.

Build on your terms

You have choices. With a commitment to open source and support for all languages and frameworks, build and deploy how you want to. Take advantage of the full-featured, integrated development environments with built-in support Visual Studio and Visual Studio Code, the most popular IDEs trusted by 15M+ developers.

We embrace open source, drive innovation through collaboration, and contribute back to the community.

Trust your cloud

Get security from the ground up, backed by a team of experts, and proactive compliance trusted by enterprises, governments, and startups.

With a \$1B+ investment in security R&D and 3,500 cybersecurity experts, security is foundational for Azure.



Microsoft Azure is an ever-expanding set of cloud computing services to help your organization meet its business challenges. With Azure, your business or organization has the freedom to build, manage, and deploy applications on a massive, global network using your preferred tools and frameworks.

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