

#### **VALUE CREATION**

## **Our guiding principles**



# Responsible leadership with Al

We commit to build technology which allows everyone to act responsible and take ownership for future solutions with the use of AI.



# **Empowering transparency** while respecting privacy

We commit to build technology which foster transparency while respecting privacy and enables organizations to scale with Al.



#### **Compliance by design**

We commit to build technology which is designed by governance and comply with laws, regulations, warranting that an organization acts best-in class.

#### **OUR LOCATIONS**

## We are in 5 countries and growing



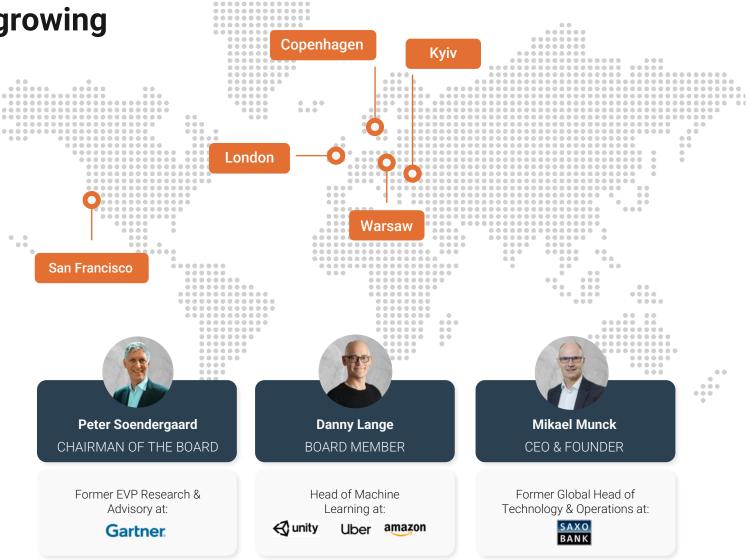
**60+** Employees



**70+** Projects



**20+** Active Platforms





#### **VALUE CREATION**

## The problems we solve

#### Value from Al

- Al in production
- Al that is scalable, and cost effective
- Al in operation: Al model life-cycle management

#### **Governance, Risk & Compliance for AI**

- Data and Al Governance, to support new global laws, regulations and guidelines
- Governance, Risk & Compliance (GRC) for Al



#### **CLIENTS & PARTNERSHIPS**

# **Delivering tangible business results** through Al



**50+** Clients across industries

























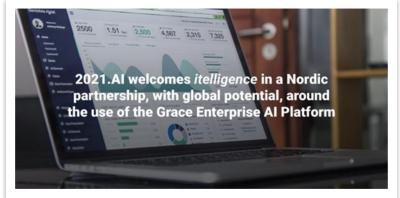
















#### RETAIL USE CASE

# Personalization & Customer Insights

Using AI & machine learning, models can be trained to aid retailers in the following areas:

<u>Client faced:</u> Product Listings, Notifications, Re-targeting, Handpicked for me, Fashion Feed, Offers & Promotions

Retailer analytics: Marketing Research, Content Design, Campaign targeting, Audience Monetization, Brand Benchmarking, Category Planning

<u>Method:</u> Multiple user profiles (long-term (taste), short-term (intent), Vector representation for items, Feature based Matrix Factorization.

#### Research shows:

- 90% find personalized marketing somewhat or very appealing
- 80% are more likely to make a purchase if the company if it offers personalized experiences
- 72% Will only engage with personalized content



#### RETAIL USE CASE

## **Demand forecasting**

Using AI & machine learning, models can be trained to accurately forecast future demand.

Many staple goods are perishable and hence <u>overstocking leads to</u> <u>increased cost and understocking leads to missed revenue</u>.

An accurate real time demand forecast that quickly adapts to changes in consumer tastes provides managers with the optimal conditions for avoiding under- and overstocking.

Retail giants such as Amazon and Walmart has demand forecasting as an integral part of their business to better plan and optimize operations.

Successfully implementing Al-enabled supply-chain management has enabled early adopters to improve logistics costs by 15 percent, inventory levels by 35 percent, and service levels by 65 percent, compared with slower-moving competitors.



#### RETAIL USE CASE

# **Dynamic Pricing**

Using AI & machine learning, models can be trained to help choose the optimal pricing strategy.

Models can be used to visualize/simulate likely outcomes for multiple pricing strategies.

The price can be forecasted taking numerous variables into account such as seasonal trends, product characteristics, the release date of a new model etc.

eBay today optimizes their prices using AI systems that dynamically adjusts prices and promotions according to information obtained.

Research shows that sales typically grow 2 to 5 percent and margins increase with 5 to 10 percent.



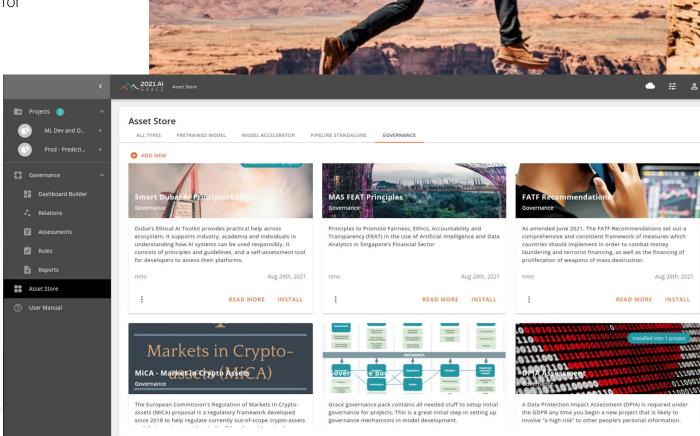
#### AI ENHANCED RETAIL

### How to get started

In 2021.AI we have experience in working with and successfully adapting and delivering advanced machine learning models to companies and enterprises, enabling the IT/ITOps teams to cater for these. The AI models will automatically re-train on new data when available, ensuring optimal and up-to-date performance.

#### **Our Approach**

- We have a library of pre-build models and use cases
- No prior AI or machine learning experience needed
- We help you build the business case
- Our Grace AI platform can cater for multiple models
- Full Governance and Compliance (incl. GDPR and EU AI Act)
- Support for multiple types of good and regions
- Possibility to build your own model development



#### AI ENHANCED RETAIL

### **Additional Use Cases**

- Recommender engine
- Employees load planning
- Employee engagement & employee churn prevention
- Customer engagement
- Customer Churn
- Alternatives Next best item
- New item pricing recommender
- Warehouse optimization
- Fraud prevention
- Your custom use case (Al Opportunity Mapping Workshop)

