Use Cases and Success Stories on an AI Marketplace

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Deploy AI

Expanding the Marketplace with successful AI applications, that enhance the platform's effectiveness, usability, and impact across diverse domains

Key Elements for a successful AI service on the marketplace

Trustworthiness

Legal Compliance

Clear Value Proposition
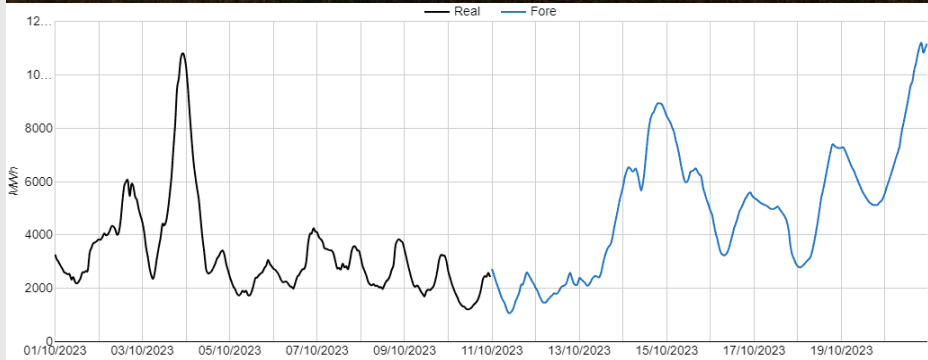
Ease of use

Flexible Pricing Model

Modular, Interoperable and customisable

DeepTSF

Codeless time series forecasting using AI

Develop and deploy the most accurate time series forecasting model for your use case.

- **Simple user experience for non-programmers**
- **Save time:** Easily reproduce and evaluate a great variety of different forecasting models
- **State of the art algorithms, ML/DL models and hyperaparameter setups.**
- **Reduce cost and complexity of model development**
- **Trustworthy AI:** Provide explanations on forecasting results
- **Seamless integration**

AI4EF

Empowering building energy efficiency with AI

Streamline artificial intelligence for sustainable, cost-effective building energy efficiency solutions..

- **Data-driven investment planning: P**ersonalized investment recommendations (energy efficiency renovation, renewables installation) for your building aligned with your financial and environmental goals.
- **Reduce energy costs**
- **Renewable energy at home simplified**
- **Energy Data space integration**

Earth Observation Services for the Environmental domain

Bootstrap the development of Earth Observation applications

Reduce the effort required for tasks like satellite imagery processing, land usage classification, and image segmentation

- **Leaf Area Index (LAI) Model:** Enables precise monitoring of vegetation health and ecological dynamics by calculating leaf area per unit ground.
- **Object Detection Model:** Identifies specific objects in high-resolution satellite images, supporting applications like infrastructure monitoring, pollution tracking, and deforestation assessment.
- **Segment Anything Model (SAM):** Performs flexible, prompt-based image segmentation for new datasets, with zero-shot and few-shot learning,

Automated planning of logistics operations

Bridging the gap between logistics and automated planning technology

- **Access cutting edge automated planning approache**s: automatic translation allows using a variety of automatic planning approaches directly.

- **Use your own language:** input language designed specifically for logistics problems.

- **Bridging the gap:** Use planning technology without directly modeling planning problems.

- **Freedom:** our DSL is not limited to planning, but easily allows us to apply other types of AI approaches.

Bidding Platform

Virtual prototyping of multi-energy prosumers in energy day-ahead market scenarios.

- **Smarter energy management through virtual prototyping:** Industrial PtX operators can increase utilization of RES, reduce their energy bill by using the platform for decision support and test the corresponding energy management strategies in a simulated market before applying it on the edge.

- **Insight into the impact of individual prosumer dynamics:** The local energy market design can help all participating in energy training to get an insight in how their local energy management strategies can impact their success in bidding in larger-scale electricity, fuel and heat markets.

Cybersecurity AI services

Creation of testbeds for Cybersecurity
AI services

- **Optimizing web application firewall (WAF) with AI/ML scenarios**

- **Penetration Testing with AI**

Image recognition framework

Help all e-shop providers in the fashion and home & living segment to win customers with AI recommendations

- InnoFind helps your webshop visitors to **find their favorite products** even in deep assortments with several thousand products.
- The search module guides customers through the discovery process with **instant recommendations matching to their individual visual preferences**, while the complete the look module helps complete their purchase with matching products, allowing shops to cross sell and increase their Avg order Value.
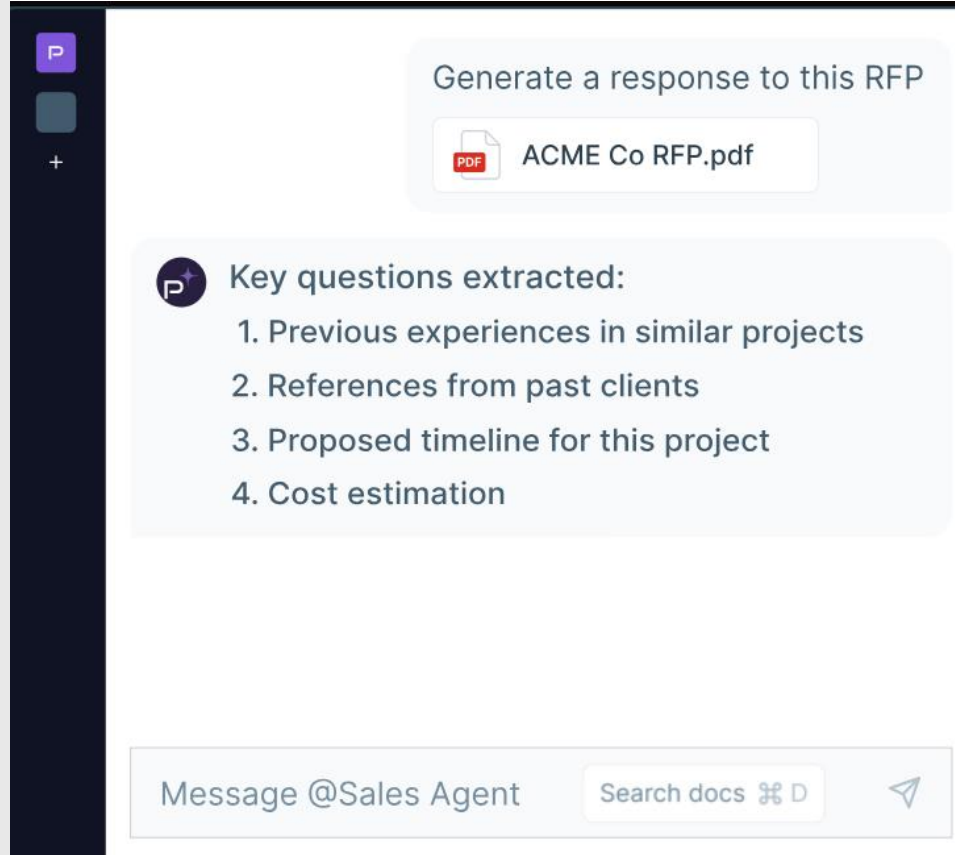
Chat with your Docs (RAG)

A Gen AI Platform
for all Business Units

- **GenAI connecting your data and documents**
- **Keeping your data safe**
- **Updated with the best LLMs**
- **Full customization, API engine**
- **Observability and reporting**

Generate a response to this RFP

📄 ACME Co RFP.pdf

Key questions extracted:
1. Previous experiences in similar projects
2. References from past clients
3. Proposed timeline for this project
4. Cost estimation

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