Al Journey for Organisations

Endri Deliu: endri.deliu@univie.ac.at



Al Journey for Organisations

- Agenda
 - Major Stages in Al Adoption and Implementation
 - Pillars of an Al Offering
 - Challenges for SME-s and Solutions



Al Journey for Organisations

Devising an Effective AI and Data Strategy

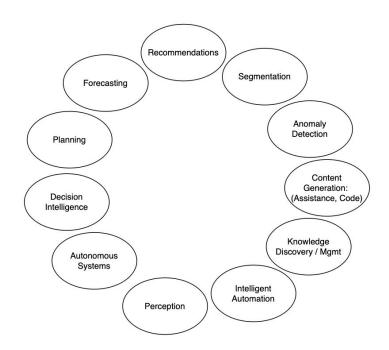
First Critical Al Hires

High Level Roadmap and Commitment for Investment in AI Capabilities



Al Journey for Organisations - Phase 1

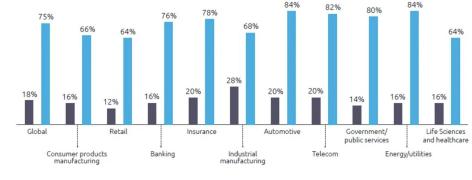
- Identify Major Al Use Cases
 - (Workforce) Efficiency Improvements: Assistants...
 - New Products and new Processes in Company
 - Real Cases in Companies
- Validate Key Aspects of Al Value Prop
 - Implement one to two Pilot Products
 - Goal: Validate Go-to-Market, Gain Competence
- Duration and Time





Al Journey for Organisations - Phase 2

- Scaling Your AI Use Case(s)
 - Scaling your Team (Beyond the first few Al hires)
 - Training existing Engineers, and Product Managers
 - Data & ML Eng, Software Eng. Product
- Scaling Infrastructure
 - Beyond Pilots
 - Data Infrastructure takes shape for scale
 - Model Training / Inference Infrastructure
 - Goal is to Validate Go-to-Market at Scale
- Duration and Time



 We are aware of how to productionize and monitor the large language models in generative AI applications Scaling the generative AI proofs-of-concept to large-scale deployments is a major challenge for our organization

Scaling is Hard

Capgemini: Survey 2024 - GenAl



Al Journey for Organisations - Phase 3

- Towards Excellence at Al Use Case(s)
 - Improving your Team (Beyond the first team)
 - Training existing Engineers, and Product Managers
 - Real Cases in Companies
- Scaling Use Cases
 - Expand in Breadth
 - Excellence at Data Pipeline Infrastructure (error rates low)
 - Model Training and Inference and Test Infrastructure
 - Model Deployment Flywheel
 - Primary Goal is to Excel at Scale, Efficiency and Revenue/ROI
- Duration and Time



Al Journey for Organisations - Challenges for SME-s

- Hiring and Scaling Al Team
 - How to get High-Quality Hires
- Training Team
 - Improving your Team (Beyond the first team)
- Technical and Architecture Advice on Scale and Excellence
- Gain Visibility in Al Community (Local and Regional)
- Al Leaders on Board as Advisors along Investors



Al Journey for Organisations - Challenges for SME-s

- Technical and Architecture Advice on Scale and Excellence
 - Many Mistakes at the Beginning Technical and Strategic
- Gain Visibility in Al Community (Local and Regional)
 - Be perceived as Technology Leaders
 - Actively participate and leading events
 - Collaborate with leading institutions
- Al Leaders/Fellows on Board as Advisors along High Profile Investors



Al Org - Inception to Excellence - Pillars

Infrastructure & Platform

Applications

Safety, Quality & Governance

Training & Talent Dev.

Research & Collaboration

Venture & Acquisitions



Thank You

Questions

