



POWER UP YOUR PMO

IN THE AGE OF AI



AGENDA

- 12:00 Walk-in & sandwich
- 13:00 Welcome by Microsoft
- 13:15 Trends in 2024: Strategic Portfolio Management & AI
- 13:45 Generative AI - 7 use-cases for the PMO
- 14:30 Break
- 14:45 Customer case with ProRail: How we got a portfolio overview with Power PPM
- 15:15 Customer case with Synthon: PPM challenges within an international organization
- 15:45 Q&A
- 16:00 Networking



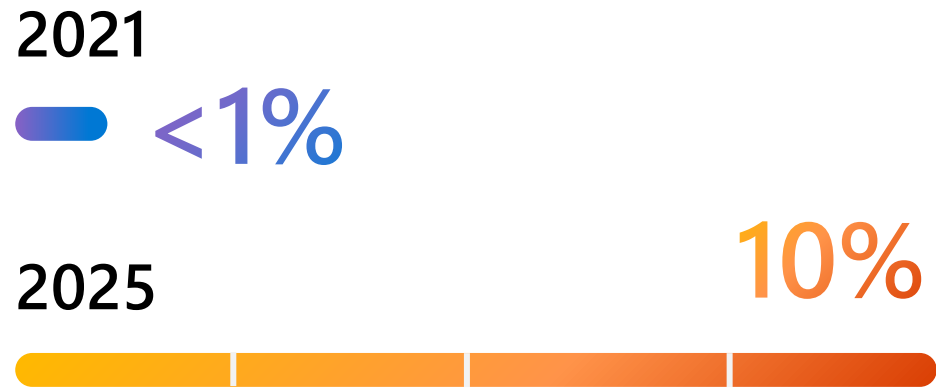
MICROSOFT

WELCOME



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AI and low code are the future



The percentage of the world's data produced by **generative AI** will jump from under 1% in 2021 to around 10% in 2025.¹



More than 65% of application development activity **will be low-code** by 2024.²

¹ Source: Gartner® Press Release ,Gartner Identifies the Top Strategic Technology Trends for 2022, October 18, 2021. GARTNER is a registered trademark and service mark of Gartner, Inc. and/or its affiliates in the U.S. and internationally and is used herein with permission. All rights reserved.

² Source: Gartner 2019 Magic Quadrant for Enterprise Low Code Application Platforms



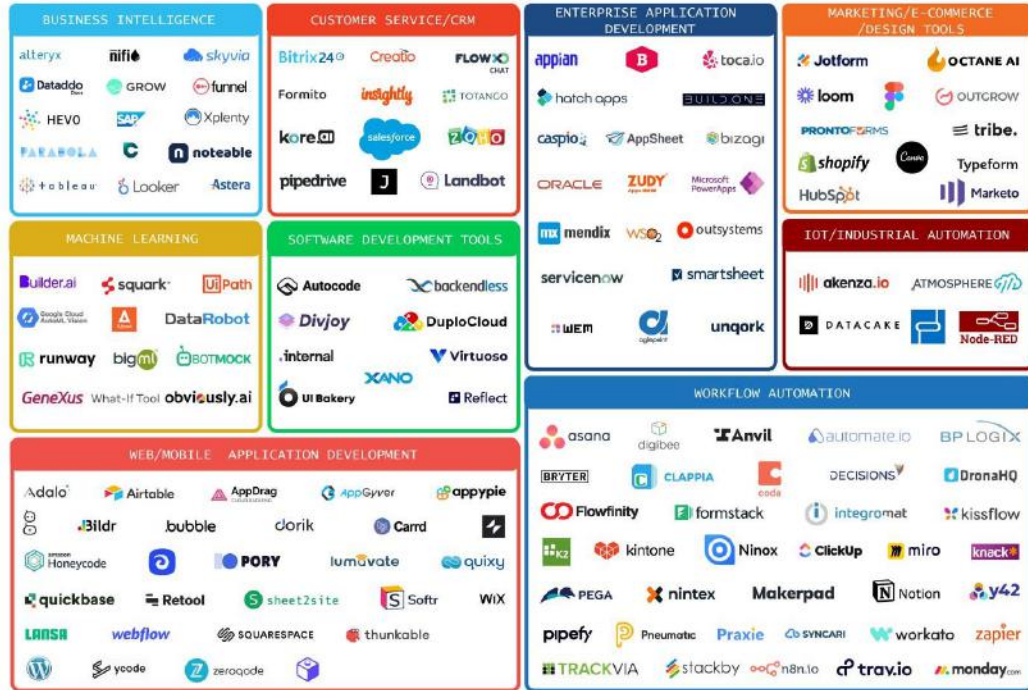
IT-managed workloads are
only the tip of the iceberg

What about
everything else
you can't see?

Shadow IT

"Low code 1.0"

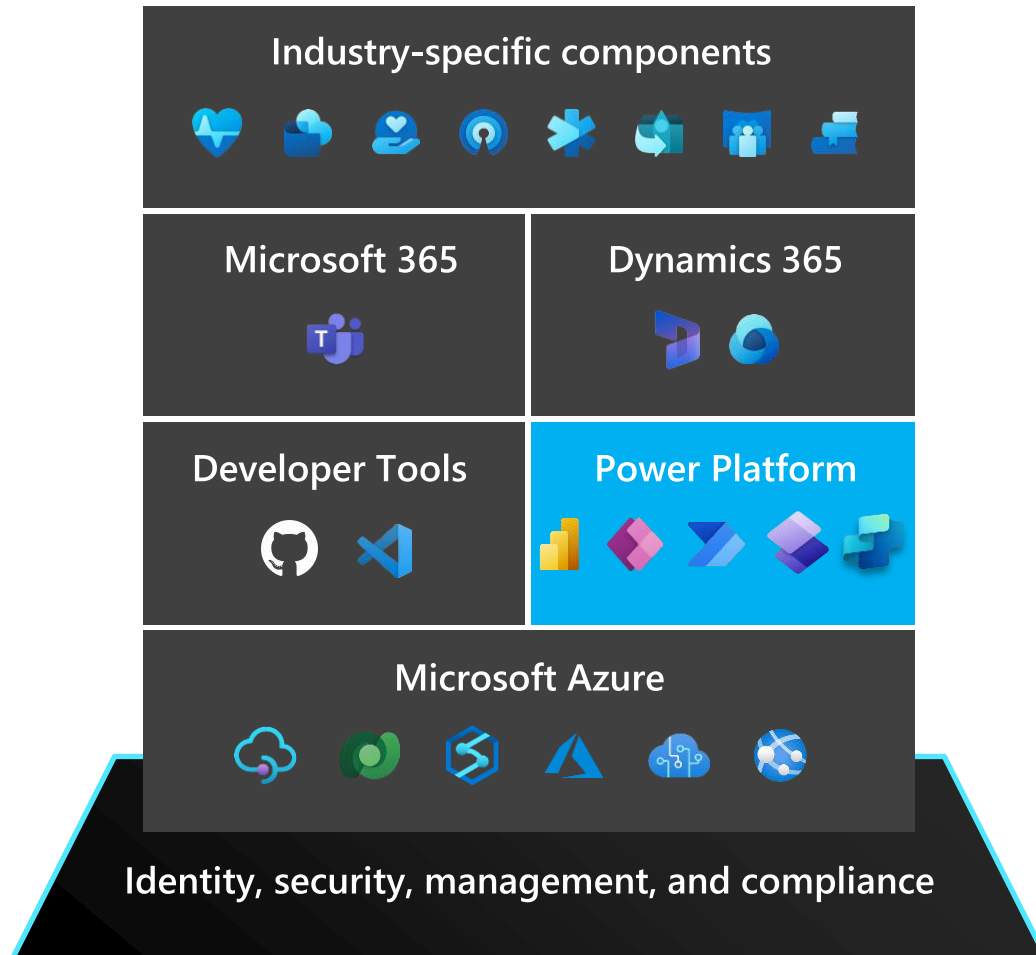
LOW-CODE/NO-CODE PLATFORM ECOSYSTEM



March 2022 - medium.com/@unigram_labs

“Low code 2.0”

Has added velocity,
but also a lot of
fragmentation and
management overhead



The Microsoft Cloud is the only complete cloud for Low Code 3.0-driven digital transformation

Microsoft Power Platform

The world's most complete set of integrated, low-code development tools



Power Apps

for
web and mobile
application
development



Power Automate

for
process
or workflow
automation



Copilot Studio

for
chatbots and
conversational
agents



Power Pages

for
building secure,
data-centric
business websites



Power BI

for
data exploration,
analytics and
reporting



**Data
connectors**



AI Builder



**Microsoft
Dataverse**



Power Fx



**Managed
Environments**

You are now entering **The Digital Neighborhood**



Session :

Generative AI - 7 use-cases for the PMO

AI

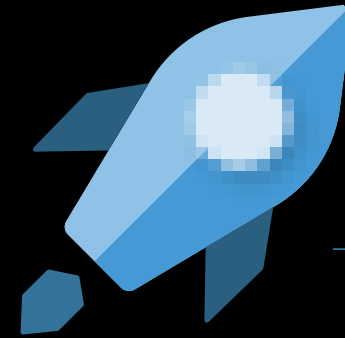
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70
employees

2
MVPs

Microsoft solution provider
dedicated to project portfolio &
strategy management

300+ customers
from 200-70.000 employees



SMIDTH

EUROPEAN
ENERGY

Nordea

ERICSSON

SOS
Alarm

coop

DeLaval

SKF

VOLVO

ISS

BLUE
WATER
SHIPPING

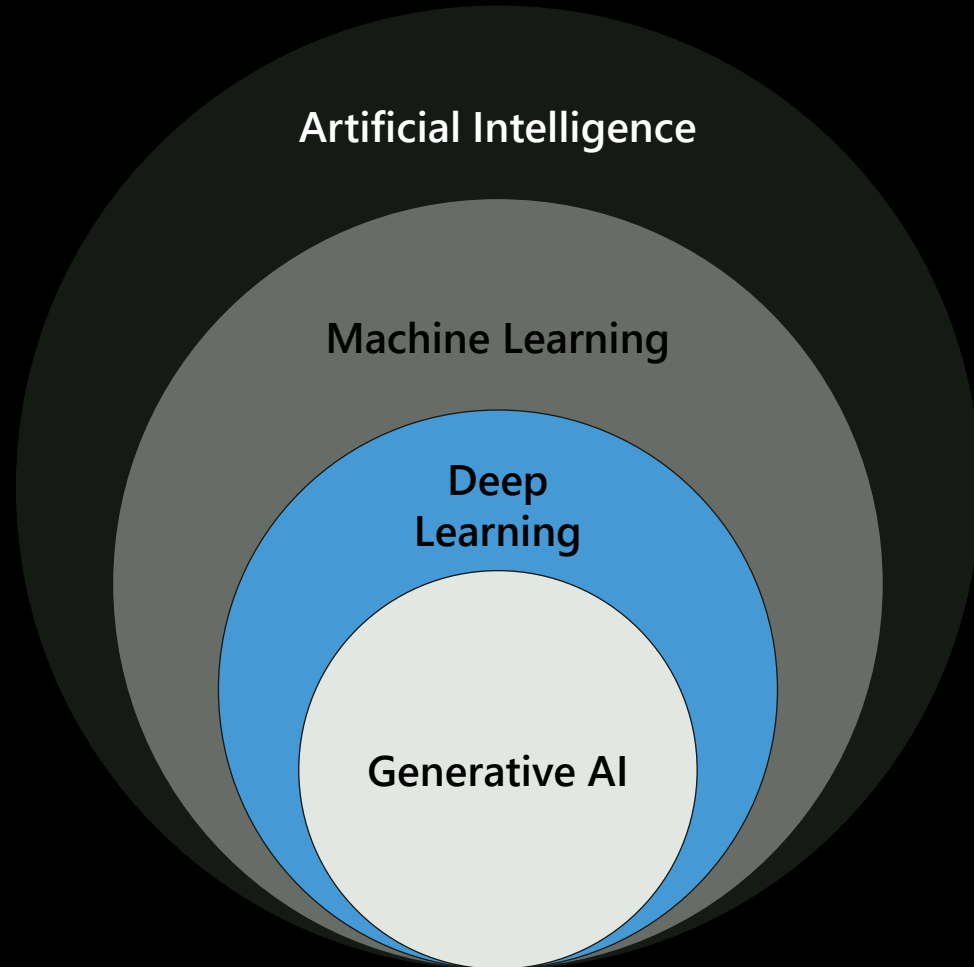


Jacob Hansen

Director of Partner Channel

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GENERATIVE AI: THE JOURNEY



1956

Artificial Intelligence

The field of computer science that seeks to create intelligent machines that can mimic or surpass human intelligence.

1997

Machine Learning

The subset of AI that enables machines to learn from data and enhance that data to make decisions or predictions.

2012

Deep Learning

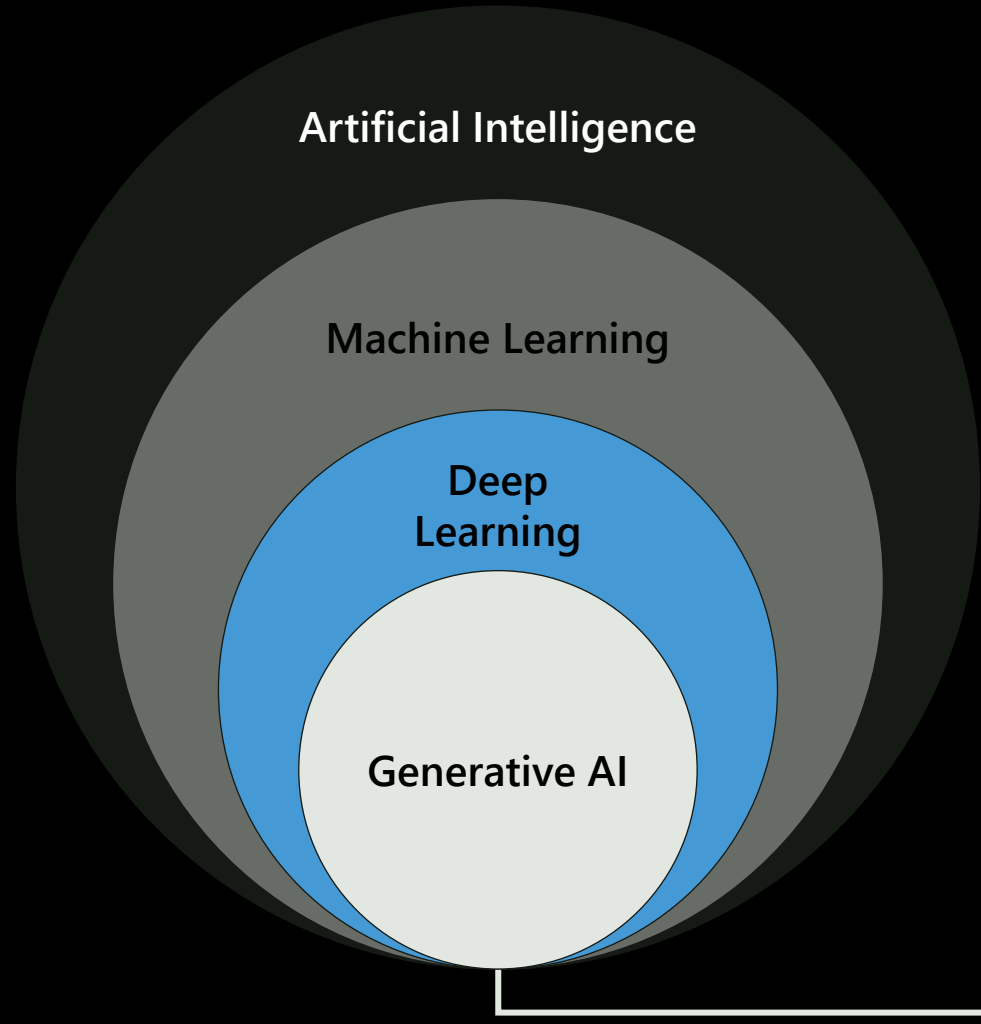
A machine learning technique where layer of neural networks are used to process data and make decisions.

2021

Generative AI

Create new written, visual and auditory content from prompts or existing data

GENERATIVE AI: THE JOURNEY



- 1956 Artificial Intelligence**
The field of computer science that seeks to create intelligent machines that can mimic or surpass human intelligence.

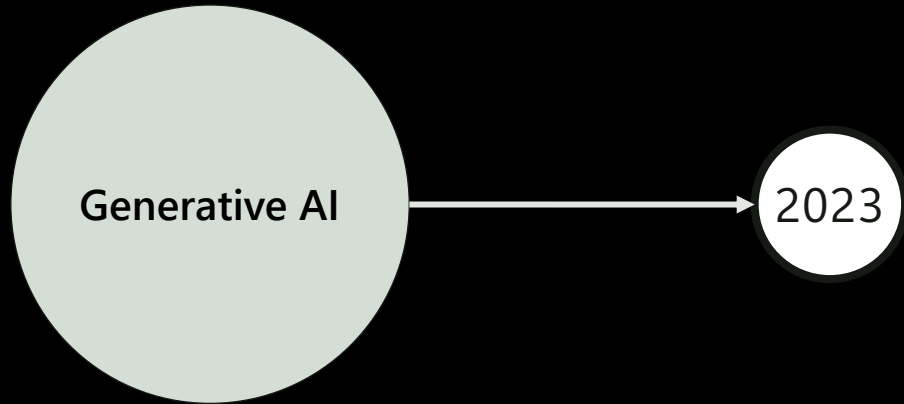
- 1997 Machine Learning**
The subset of AI that enables machines to learn from data and enhance that data to make decisions or predictions.

- 2012 Deep Learning**
A machine learning technique where layer of neural networks are used to process data and make decisions.

- 2021 Generative AI**
Create new written, visual and auditory content from prompts or existing data

- 2023 ChatGPT (OpenAI)**
Advanced language model that can understand and generate human languages and assist users with creativity and problem solving.

GENERATIVE AI: UP NEXT



ChatGPT (OpenAI)

Advanced language model that can understand and generate human languages and assist users with creativity and problem solving.

DALL-E 3

Text to pictures

Multimodal

Sound, text, pictures, video all a once

Enterprise AI

Center of Excellence (customized GPT with/without datalink)

Whisper

Speech to speech, control of voices/languages/dialect and avatars

GPT 4.5 Turbo

Increased prompt input, faster and richer response, cheaper

GENERATIVE AI: THE JOURNEY

Generative AI 2023

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2024

Microsoft 

- Copilot
- AI Builder
- Azure OpenAI





MICROSOFT & AI

COLLABORATION WITH OPENAI



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Is AI moving too fast?

SQUAWK BOX SHARE [f](#) [t](#) [in](#) [✉](#)

Microsoft CEO Satya Nadella on OpenAI relationship, generative A.I., Microsoft-Activision deal

CNBC's Andrew Ross Sorkin sits down with Microsoft CEO Satya Nadella to discuss the company's relationship with OpenAI, concerns of A.I. moving too fast, Microsoft-Activision merger, and more.

TUE, MAY 16 2023 • 9:10 AM EDT

“It’s moving **fast** but in the **right direction**”

“...**humans** are in the loop, it’s a **design choice**”



MICROSOFT & AI

3 X CORE AI ENABLERS FOR SPM & PPM

1

Custom GPT



Azure OpenAI

2

Chatbots



Copilot Studio

3

In-App AI boosters



AI Builder

CAN WE INFUSE
PPM WITH **AI**
TODAY ?

~~Yes We Can!~~



power ppm





power ppm

GENERATIVE AI: THE JOURNEY



POWER PPM



TIME FOR TEAMS



TEAM PLANNER



AI BUILDER



COPILOT



M365/PLANNER



WHAT IF



PRESENT IT



POWER PLATFORM



POWER HUB

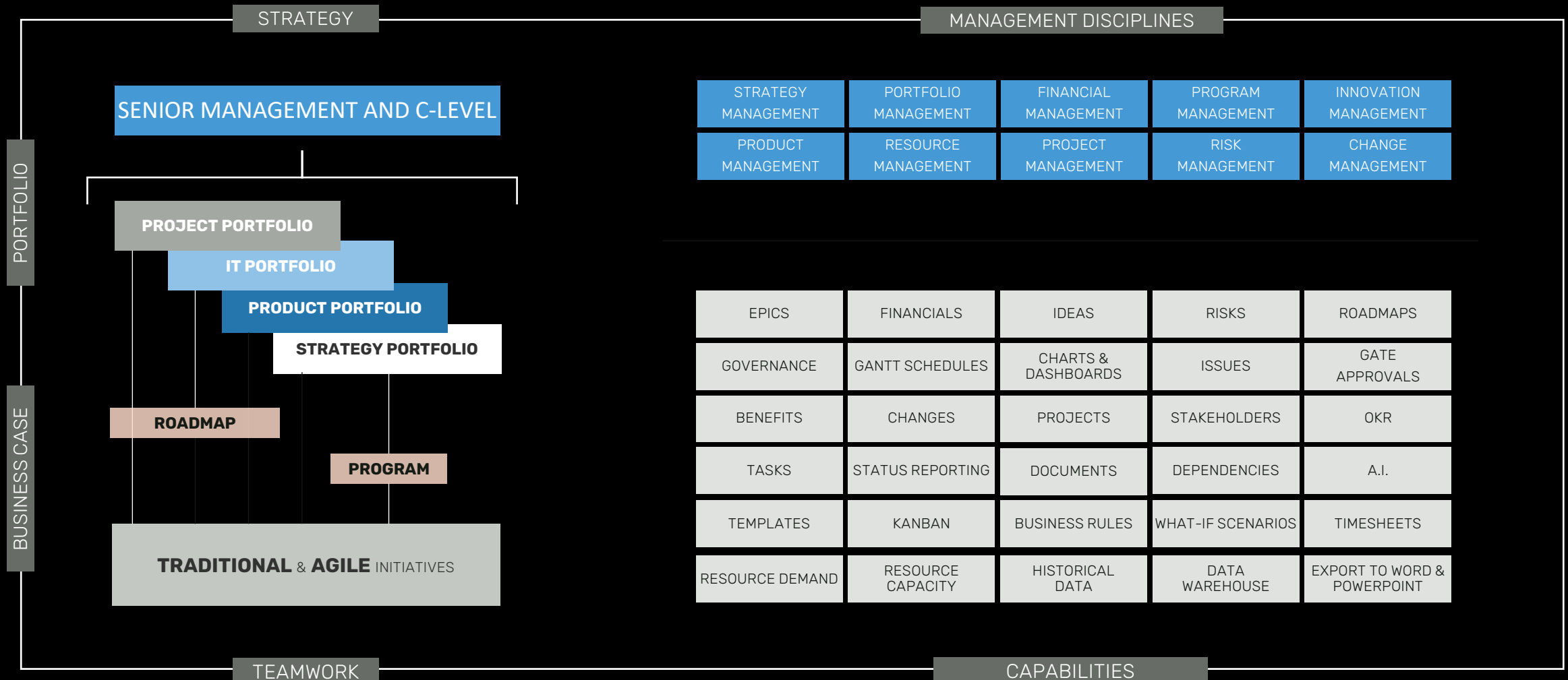


AZURE & OPENAI



CONNECTORS

PORTFOLIO MANAGEMENT BY DESIGN



STRATEGY

MANAGEMENT DISCIPLINES

SENIOR MANAGEMENT AND C-LEVEL

STRATEGY MANAGEMENT	PORTFOLIO MANAGEMENT	FINANCIAL MANAGEMENT	PROGRAM MANAGEMENT	INNOVATION MANAGEMENT
PRODUCT MANAGEMENT	RESOURCE MANAGEMENT	PROJECT MANAGEMENT	RISK MANAGEMENT	CHANGE MANAGEMENT

PORTFOLIO

PROJECT PORTFOLIO

IT PORTFOLIO

PRODUCT PORTFOLIO

STRATEGY PORTFOLIO

ROADMAP

PROGRAM

BUSINESS CASE

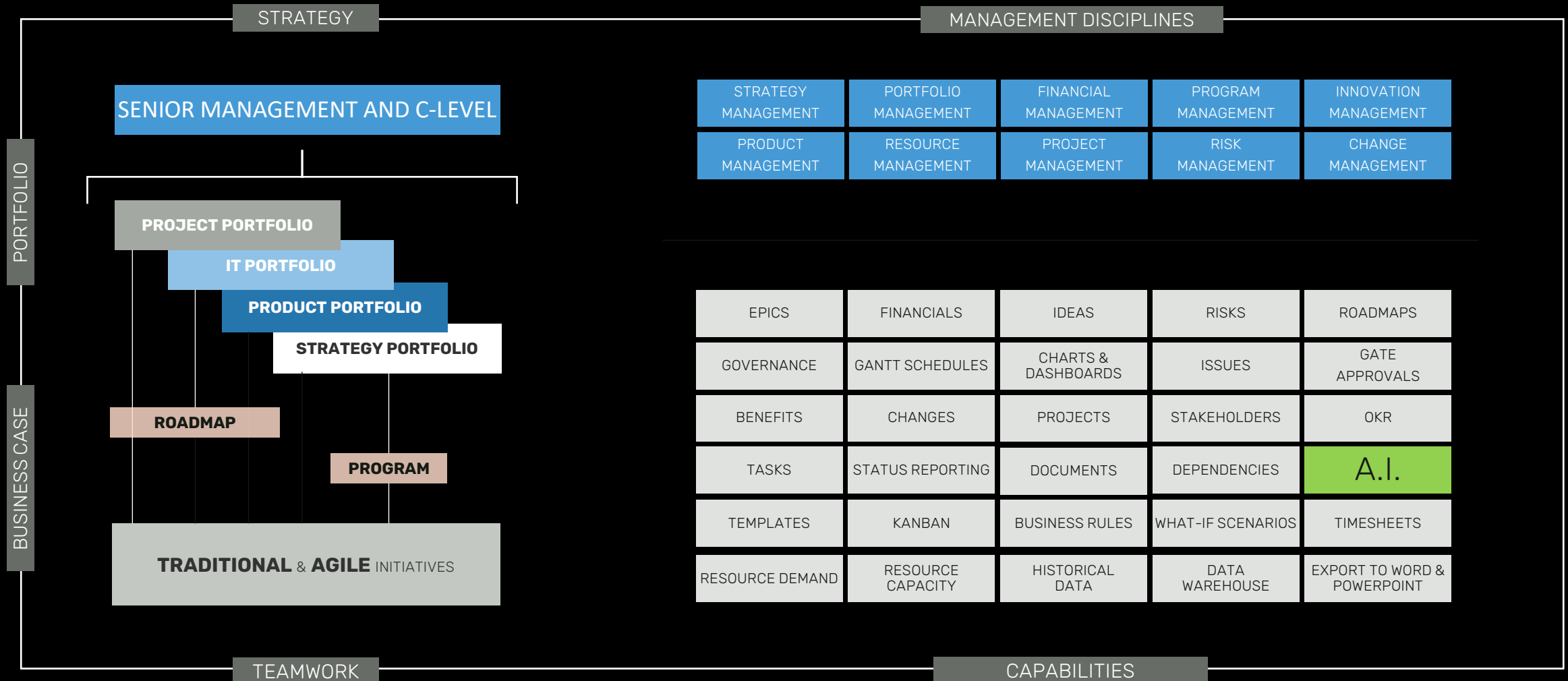
TRADITIONAL & AGILE INITIATIVES

EPICS	FINANCIALS	IDEAS	RISKS	ROADMAPS
GOVERNANCE	GANTT SCHEDULES	CHARTS & DASHBOARDS	ISSUES	GATE APPROVALS
BENEFITS	CHANGES	PROJECTS	STAKEHOLDERS	OKR
TASKS	STATUS REPORTING	DOCUMENTS	DEPENDENCIES	A.I.
TEMPLATES	KANBAN	BUSINESS RULES	WHAT-IF SCENARIOS	TIMESHEETS
RESOURCE DEMAND	RESOURCE CAPACITY	HISTORICAL DATA	DATA WAREHOUSE	EXPORT TO WORD & POWERPOINT

TEAMWORK

CAPABILITIES

PORTFOLIO MANAGEMENT BY DESIGN



STRATEGY

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PORTFOLIO

PROJECT PORTFOLIO

IT PORTFOLIO

PRODUCT PORTFOLIO

STRATEGY PORTFOLIO

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ROADMAP

PROGRAM

TRADITIONAL & AGILE INITIATIVES

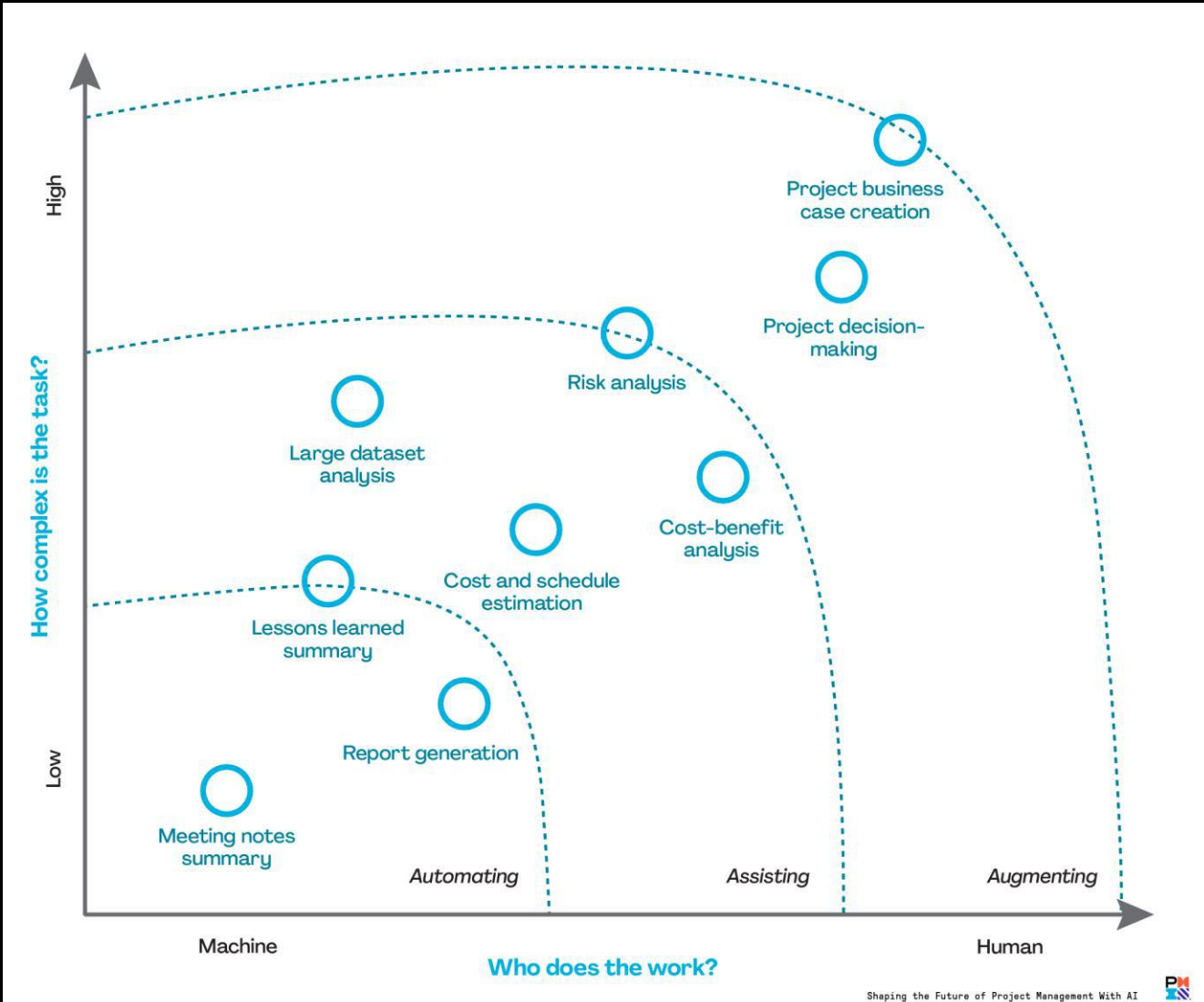
TEAMWORK

CAPABILITIES

GENERATIVE AI: THE PMI PERSPECTIVE



power ppm



Shaping the Future of Project Management With AI

PMI Project Management Institute

21% of respondents say they are using AI (PMI research)	82% of senior leaders say AI will have at least some impact on projects (PMI research)	91% believe AI will have at least a moderate impact on the profession (PMI research)
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[Artificial Intelligence in Project Management | PMI](#)

USE CASE CLASSIFICATION PROJECT MANAGEMENT EXAMPLES



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AI.AUTOMATION

Using standard prompts across different projects and employees to automate low complexity tasks without human effort.

Meeting notes summary

Complexity: Low
Technology: Copilot

Report generation

Complexity: Low
Technology: AI Builder

Lessons learned summary

Complexity: Medium
Technology: AI Builder

AI.ASSISTANCE

Get first drafts to complement their analysis. Final result is achieved through iterations and requires human approval.

Scheduling

Complexity: Medium
Technology: Azure OpenAI

Risk Analysis

Complexity: Medium
Technology: Azure OpenAI

Large dataset analysis

Complexity: Medium
Technology: Copilot

AI.AUGMENTATION

Get help performing more complex and strategic tasks. Project professionals will guide and perform most of the work.

Project decision-making

Complexity: High
Technology: Copilot+ AOAI

Business case creation

Complexity: High
Technology: Copilot+ AOAI

Cost-benefit analysis

Complexity: High
Technology: Copilot+ AOAI

PROJECTUM POWER PPM & AI



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OKR

Use AI Builder to populate ideas for Key Results of supporting initiatives based on a description of the strategic objective

SCHEDULING

Use AI Builder to create a WBS structure for your project – AI estimated durations of tasks. Work with Work pages and Scheduling templates.

RISKS ANALYSIS

Use AI Builder to compare risks in the risk log against the project description. Get suggestions as to which risks should be added.

STATUS REPORTING

Use AI Builder to use current data in Power PPM to produce a steering group summary, including issues and mitigation steps.

LESSONS LEARNED

Use AI Builder to review old lessons learned and propose an suggest learnings to your new project.

TRANSCRIPT

Use AI Builder to extract tasks, risk & issues from a teams meeting and update the logs in your project.

PORTFOLIO SUMMARY

Use AI Builder to summarize the overall portfolio progress and health.

SWOT ANALYSIS

Use AI Builder to capture ideation or pipeline data and create a complete SWOT analysis with a summary and recommendations.

The state of PPM in the organization

