

**avec**<sup>TM</sup>

**Data & AI**

# Capability

Project Management

PMO's

Business Analysis

Councils

Automation

Testing

Data

## Opportunity Identification

Identify opportunities

Assess technical feasibility, effort & economic viability of automations

Manage backlog & road map

## Automation Builds

Define technical requirements & architect solutions

Design automation solutions

Build automations

Test & deploy automations

Track benefits realization

## Quality Management

Define coding standards & conduct quality reviews

Develop tools, templates & code repositories

Use proven methodologies & frameworks

## Governance & Strategy

Automation vision & objectives

Roles & responsibilities

Organisational structures & channels

Performance metrics

Standardised & industrialised policies, procedures & methods

## Platform Management

Build core IT Infrastructure

Operate, support & optimize automated processes

## Training

Define training curriculum e.g.

Citizen development

Enterprise development

Process controller

Deliver training to the business & IT

Update curriculum to incorporate innovations

## Support & Maintenance

Monitor bots & AI agents

Continuously improve

Support escalation model

BU

CoE

IT

Vendor

Managed Services

# Capability

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## Assessment & Strategy

Data Strategy

AI Strategy

Platform Assessment & Design

Data Governance Framework Development

Ethics Audits

Advisory Services

## Governance

Data Cataloguing & Classification

Data Discovery

Data Quality Monitoring & Improvement

Master Data Management

Data Retention & Archiving

Lifecycle Management

## Enablement

Data & AI Solution Architecture

Data Integration & Transformation

Data Migration & Management

Cloud Enablement

Data Virtualisation & Federation

Data Lake & Big Data Architecture

## Engineering

Data Pipeline Development & Orchestration

ETL

Data Cleansing & Transformation

Data Warehousing & Storage

API Development & Integration

## Reporting

Data Visualisation Design & Development

Interactive Dashboard Development

Self-Service Business Intelligence

Performance Monitoring & Reporting

Ad Hoc Data Analysis & Reporting

## Analytics & AI

Data Analytics

Data Mining & Predictive Analytics

Customer Segmentation & Profiling

Anomaly Detection & Fraud Analytics

Natural Language Processing

Computer Vision

Network analytics



Delivery is our **superpower.**

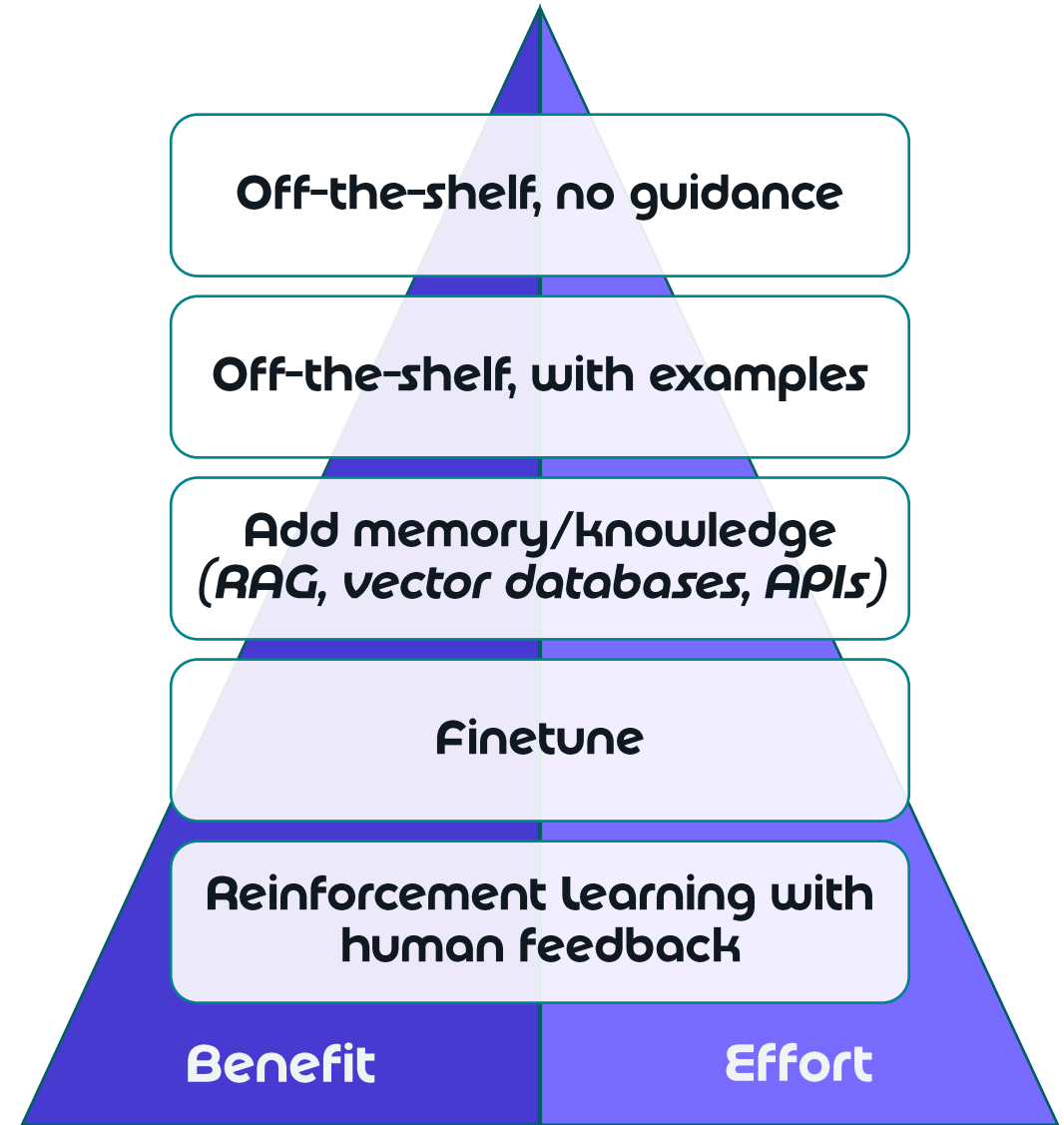


# “lean” LLM approach

Fast iterations with clear outcomes

Intermediate steps:

- Data prep
- Model choice
- Hosting options
- Agents
- UI



# Comparison



We asked an off-the-shelf LLM chain and an LLM we have optimised, the same question about Avec Global.

## Similar Tool (Off-the-shelf)

Does your company offer data recovery and hardware repair services?

Avec Global is well-known for its comprehensive data recovery and hardware repair services. Our team of experts are skilled in recovering data from various storage devices and repairing a wide range of hardware issues. We have state-of-the-art facilities to ensure the highest chances of successful data recovery and hardware repair.

- X Cannot converse**
  - so questions have to be carefully worded
- X Limited search**
  - question / answer matches often not enough
  - embeddings not best-in-class
- X Basic chunking**
  - not appropriate for tenders
- X Monolithic**
  - can get out-of-date quickly
- X Prone to hallucination**
- X Does not show sources**
  - answers have to be manually verified

## Our AI (Microsoft AOAI, tuned by us)

Does your company offer data recovery and hardware repair services?

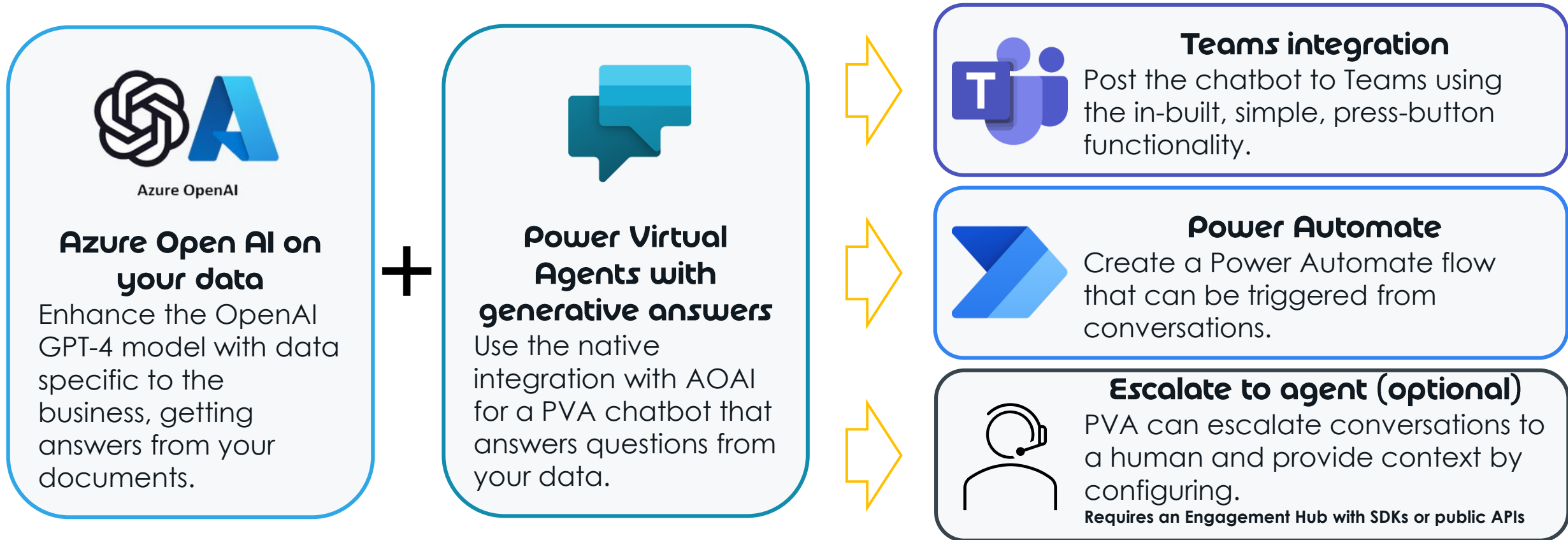
Avec Global offers a range of IT professional services, including data migration and ERP solution support services. Their data migration services are one of their core capabilities, with a team experienced in ERP data migration. They understand the requirements, complexity, considerations, and approach required for data migration into various ERP solutions, and the reconciliation impacts of incorrect data migration.

In terms of IT security and compliance, Avec provides services for the delivery, implementation, and ongoing enforcement of IT security compliance via defence protocols, security policy enforcement, and disaster recovery with failover facilities incorporated. However, there is no explicit mention of data recovery and hardware repair services in the tender documents. It's possible that these services could be included within their broader IT professional services, but for a definitive answer, it would be best to directly contact Avec Global.

# Proof of Concept



Avec proposes to prove the benefit of using Microsoft Azure Open AI and Power Virtual Agents to answer your questions on your business data with the following solution.



All data remains inside the client tenant and is not used to train any of Microsoft's AI models



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Delivery is our superpower.