



Fuelling AI-Driven Health Insights at Scale: BCN & PEAK4 on Azure, Power Platform & Fabric



including Fabric F16

Company: PEAK4

Headquarters: Warwickshire

Area/OU: UK

Industry: Health and wellbeing

Organisation Size: Start-up

Size of Opportunity:

- Azure: £84K (including Fabric F16)
- Microsoft 365 Business Premium: 40 licences (£19.2k a year)
- Power Apps Licences: £5k a year

Products and Services:

- Power Apps
- Power Automate
- Dataverse

Data services – Power BI coming

Customer Background

- PEAK4 is a start-up focused on health and well-being, particularly in high-risk industries like construction, NHS, and shipping.
- The company is leveraging biometric data from wearables (e.g. Polar, Apple Watch) to deliver real-time insights that support lifestyle and safety decisions.
- Supported by the Microsoft Pegasus Programme, PEAK4 benefits from free Azure consumption and services to scale its solution cost-effectively

Challenges/Solutions

- Needed a scalable, secure platform to ingest, process, and analyse biometric data across diverse industries.
- Required integration of multiple Microsoft technologies to support real-time insights and AI-driven recommendations.
- BCN delivered a solution built on:
 - Azure for secure deployment and data management.
 - Power Platform for application logic and automation.
 - Power BI for analytics and reporting.
 - AI (OpenAI engine) for personalised insights and recommendations
 - Microsoft Fabric (F16) for unified data integration and advanced analytics.

Outcomes

PEAK4 has successfully launched a business based on a health and wellbeing platform powered by Microsoft technologies, targeting high-risk industries like construction, healthcare, and shipping. The solution provides real-time biometric insights to improve individual lifestyle and enhance organisational safety and performance.

Early trials (20–50 users over 3–8 weeks) showed measurable impact:

- Individual wellbeing: reduced stress, better sleep, healthier choices.
- Organisational outcomes: lower sickness leave, improved productivity and safety.

Scalable design:

Built on Azure and Fabric for secure, high-volume data processing.

Modular architecture enables expansion across industries and regions.

High Microsoft adoption and cultural alignment were key to the decision. The project is being positioned for internal recognition and long-term growth.

