

# Transforming a medium-sized health organization through *AI and data literacy* program development.

A regional health organisation · Workforce · AI & data literacy

## 01 THE SITUATION

### Background and Business Problem

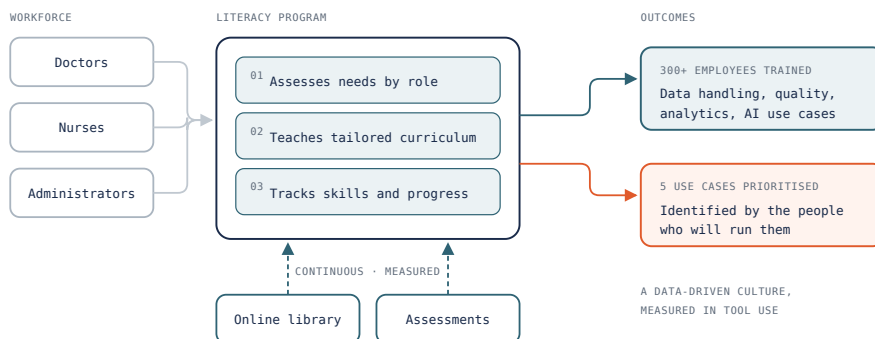
A medium-sized health organization recognized the increasing importance of data-driven decision-making and AI-powered solutions in improving patient care and operational efficiency.

## 02 THE CHALLENGE

The health organization faced challenges in developing the necessary AI and data literacy skills among its employees. The health organization sought a comprehensive AI and Data Literacy Program to close the skill gap and foster a data-driven culture.

## 03 THE SOLUTION

Data Products partnered with The health organization to develop and implement a tailored AI and Data Literacy Program.



### IMPACT

80%

Of participating employees demonstrated improved data handling and analysis skills, leading to a more data-driven decision-making culture.

30%

Increase in the use of data visualization tools for reporting, resulting in more effective communication of insights to stakeholders.

15%

Improvement in the organization's data quality, enabling more accurate and reliable analysis.

## CLIENT BACKGROUND

A medium-sized health organization recognized the increasing importance of data-driven decision-making and AI-powered solutions in improving patient care and operational efficiency.

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## Transforming a medium-sized health organization through *AI and data literacy* program development.

### THE PROGRAM INCLUDED THE FOLLOWING COMPONENTS

01

#### Training needs assessment

Data Products conducted a thorough analysis of the organization's workforce, identifying skill gaps, and understanding the specific training needs of various roles, including doctors, nurses, and administrative staff.

02

#### Customized curriculum design

Data Products developed a customized curriculum covering data analysis, visualization, and AI concepts, ensuring relevance to the healthcare industry and addressing the organization's specific challenges.

03

#### Instructor-led training sessions

Data Products delivered a series of interactive, hands-on training sessions, reaching over 300 employees. The training covered essential topics such as data handling, data quality, descriptive and predictive analytics, and AI use cases in healthcare.

04

#### Online learning resources

Data Products provided access to a library of online learning resources, including video tutorials, articles, and case studies, to reinforce learning and enable continuous skill development.

05

#### Skill evaluation and progress tracking

Data Products monitored employee progress through regular assessments and real-time feedback, ensuring learning objectives were met and identifying areas for further improvement.

### OUTCOMES

Key takeaway: 5 high-impact AI use cases were identified and prioritized for implementation, with the potential to generate an estimated five million dollars in cost savings and revenue growth over the next three years.

### WHERE IT LEADS

#### THE PRACTICE

##### AI & data literacy

Where this engagement was delivered, and where the work continues at scale.

[dataproducs.io/practices/ai-data-literacy-programs/](https://dataproducs.io/practices/ai-data-literacy-programs/)

#### START HERE

##### Executive AI Workshop

The fixed-scope, fixed-fee engagement that starts work like this — scoped with you before you commit.

[dataproducs.io/starter-services/executive-ai-workshop/](https://dataproducs.io/starter-services/executive-ai-workshop/)

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