



Scenario Modelling

Creating a scenario modelling solution to enable informed business decisions within Defence



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CASE STUDY

Creating a scenario modelling solution to enable informed business decisions.

PROBLEM

Our Defence client had a need to create scenarios to model an estimated workforce size based on a set of parameters in order to understand future requirements and plan accordingly.

The client wanted to eventually be able to generate reports based on the created scenarios and compare it with the current workforce trends in their existing data analytics platform.

Security was a key feature required by the client, as they would need to give access to the solution to all their major partners to create and view scenarios, however limiting the access to their area of interest.

SOLUTION

In order to do scenario modelling in near real-time, a Power BI solution was built on top of the data analytics platform with an additional connector, connected to Power Apps.

Power Apps was used to create an app which allows users to enter parameters to create scenarios to model an estimated workforce.

Power BI was used to consolidate and model the data to visualise workforce trends over a future period.

Security was implemented using Azure AD groups on both Power Apps and Power BI level, so the client's major partners could only see their own data.

BUSINESS BENEFITS

The solution provided by exposé, gives the client and their major partners:

- The ability to predict a holistic view of their estimated workforce which in turn enabled more informed decisions,
- Ease of creating and visualising scenarios in near real-time, and
- Enhanced security for the provided solution.