

# Azure AI Proxy Playground

Hack Together: The Microsoft Data + AI Kenya Hack

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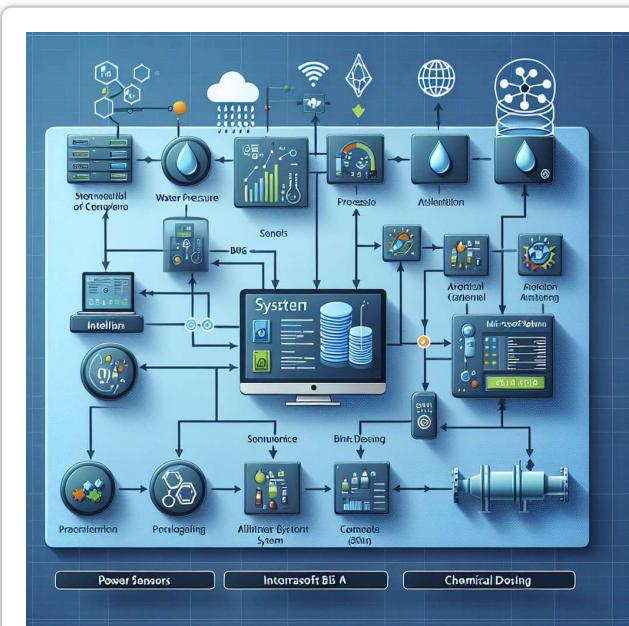
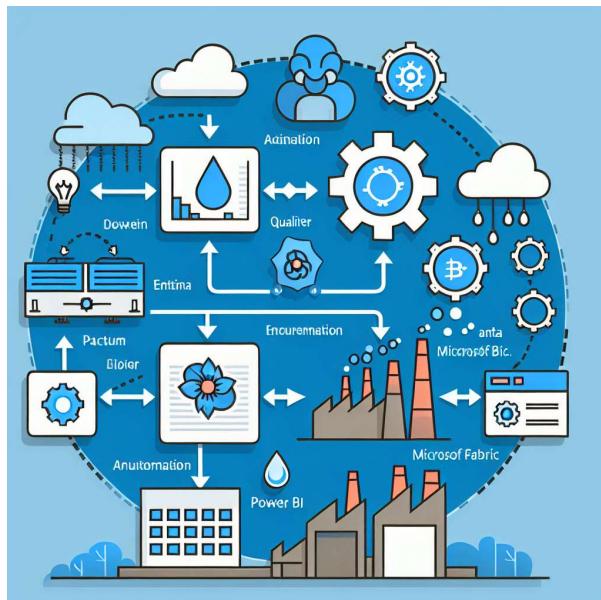
## DALL-E playground

**Model** ⓘ

dall-e-3-kenya-hack

**Prompt** ⓘ

How can Power BI be integrated with Microsoft Fabric to with regard to automating water quality inspections?

[Generate](#) [Clear prompt](#)**Original Prompt**

How can Power BI be integrated with Microsoft Fabric to with regard to automating water quality inspections?

**Revised prompt**

Illustrate a conceptual representation of the integration between Power BI and Microsoft Fabric aimed at automating water quality inspections. This could depict a flowchart indicating the different steps or processes involved, including gathering data from water quality sensors, automating the data analysis process using Microsoft Fabric, and presenting the results in an understandable format through Power BI.

**Original Prompt**

How can Power BI be integrated with Microsoft Fabric to deliver real-time alerts for anomalies in water pressure or chemical dosing levels?

**Revised prompt**

Create an illustrative image showing the flow of data from various sensors used for monitoring water pressure and chemical dosing levels, processed through an intelligent system. This system functions by integrating Power BI and Microsoft Fabric, resulting in real-time alerts triggered by any detected anomalies.

**Original Prompt**

What are the benefits of using Power BI to display KPIs related to leak detection, response times, and compliance metrics for utilities regulators?

**Original Prompt**

How can maintenance engineers use Power BI dashboards to track pump energy consumption and identify underperforming assets?

**Revised prompt**

Illustrate a screen display of Power BI showing KPIs related to leak detection, response times, and compliance metrics for utilities regulators. The display can contain various types of charts and graphs showing different metrics and trends in an easy-to-understand way.

**Original Prompt**

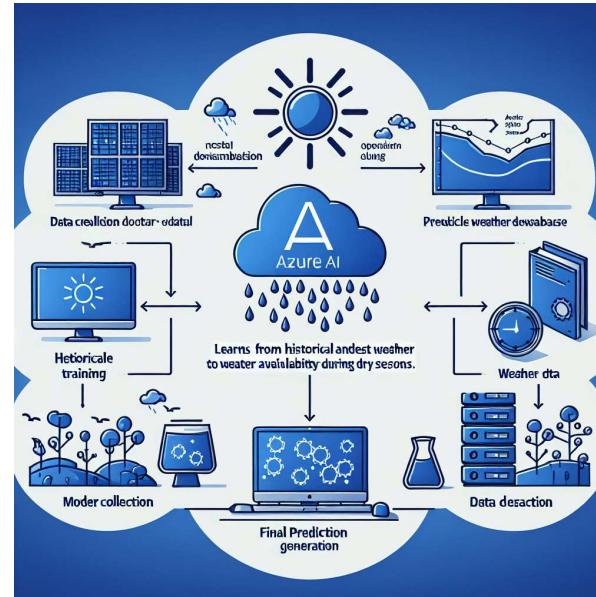
How can Power BI be used to visualize daily water usage trends across multiple districts from IoT-connected smart meters?

**Revised prompt**

Create an image of a Power BI dashboard, displaying a line graph visualization showing daily water usage trends in multiple districts. Each district is represented by a different colored line on the graph. The data, shown in neatly organized streams, is sourced from IoT-connected smart meters, symbolized by small pictographs of meters at the base of the graph.

**Revised prompt**

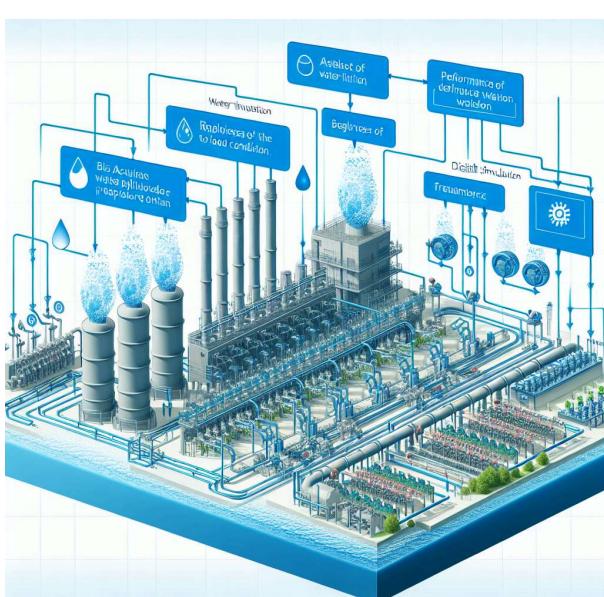
An image showing a dashboard displayed on Power BI. The dashboard contains graphs and charts tracking energy consumption of pumps. There are markers or indicators for highlighting underperforming assets. A maintenance engineer with a tablet is featured, interacting with the data on the dashboard.

**Original Prompt**

In what ways can Azure AI be integrated with weather data to forecast water resource availability during dry seasons?

**Revised prompt**

Visualize a conceptual design of Azure AI system network that's linked with a weather database. The AI learns from historical and present weather data to predict water resource availability during dry seasons. Have the design illustrate data collection to model training and final prediction generation process.

**Original Prompt**

How can Azure Digital Twins be used to simulate water flow, valve performance, and treatment plant behavior under various load conditions?

**Revised prompt**

Create a detailed visual representation of Azure Digital Twins technology being used to simulate the behavior of a water treatment plant. Show the system successfully modeling aspects like water flow through pipes, performance of valves under different pressure levels, and overall behavior of the plant under various load conditions. Irrespective of the load condition, the treatment plant should function effectively,

**Original Prompt**

How can Azure Synapse Analytics and Azure Machine Learning be used to predict pipe bursts or pump failures using historical maintenance and sensor data?

**Revised prompt**

Create an image showcasing the concept of using Azure Synapse Analytics and Azure Machine Learning for predicting pipe bursts or pump failures. Include visualizations of historical maintenance and sensor data, analytical processes, machine learning algorithms, and potential outcomes such as indications of pipe bursts or pump failures.

ensuring clean water output. Also depict the digital simulation of pathways and nodes representing physical aspects of the water system.