

CLOUD-IOT PROJECT : REAL-TIME WEATHER TELEMETRY

PRESENTATION

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ROADMAP

01

- Introduction & Problem Statement

02

- AZURE Key Ressources and Components

03

- Overall System Architecture



ROADMAP

04

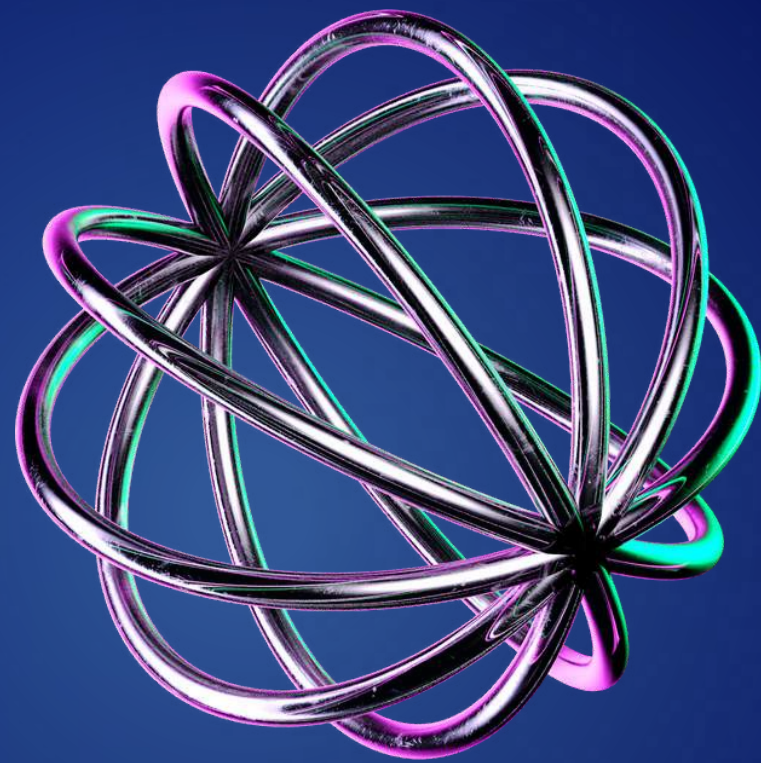
- Sequence Diagram

05

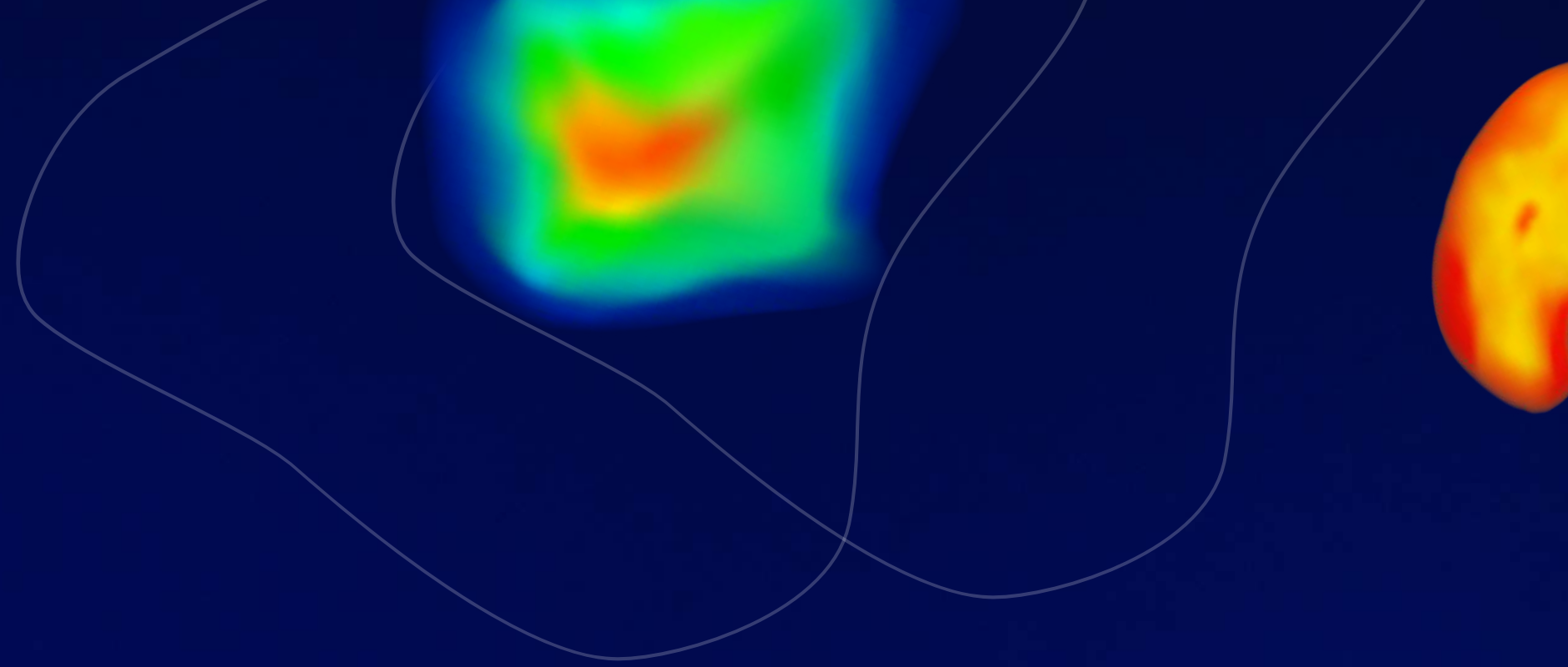
- Demonstration &
Real-Time
Visualization

06

- Conclusion

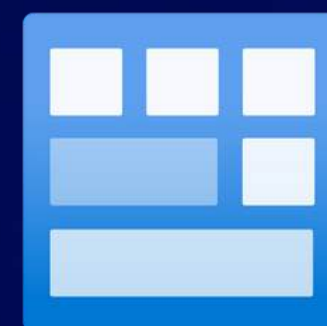


01. INTRODUCTION & PROBLEM STATEMENT



02. AZURE KEY RESSOURCES AND COMPONENTS





OTHER TOOLS:

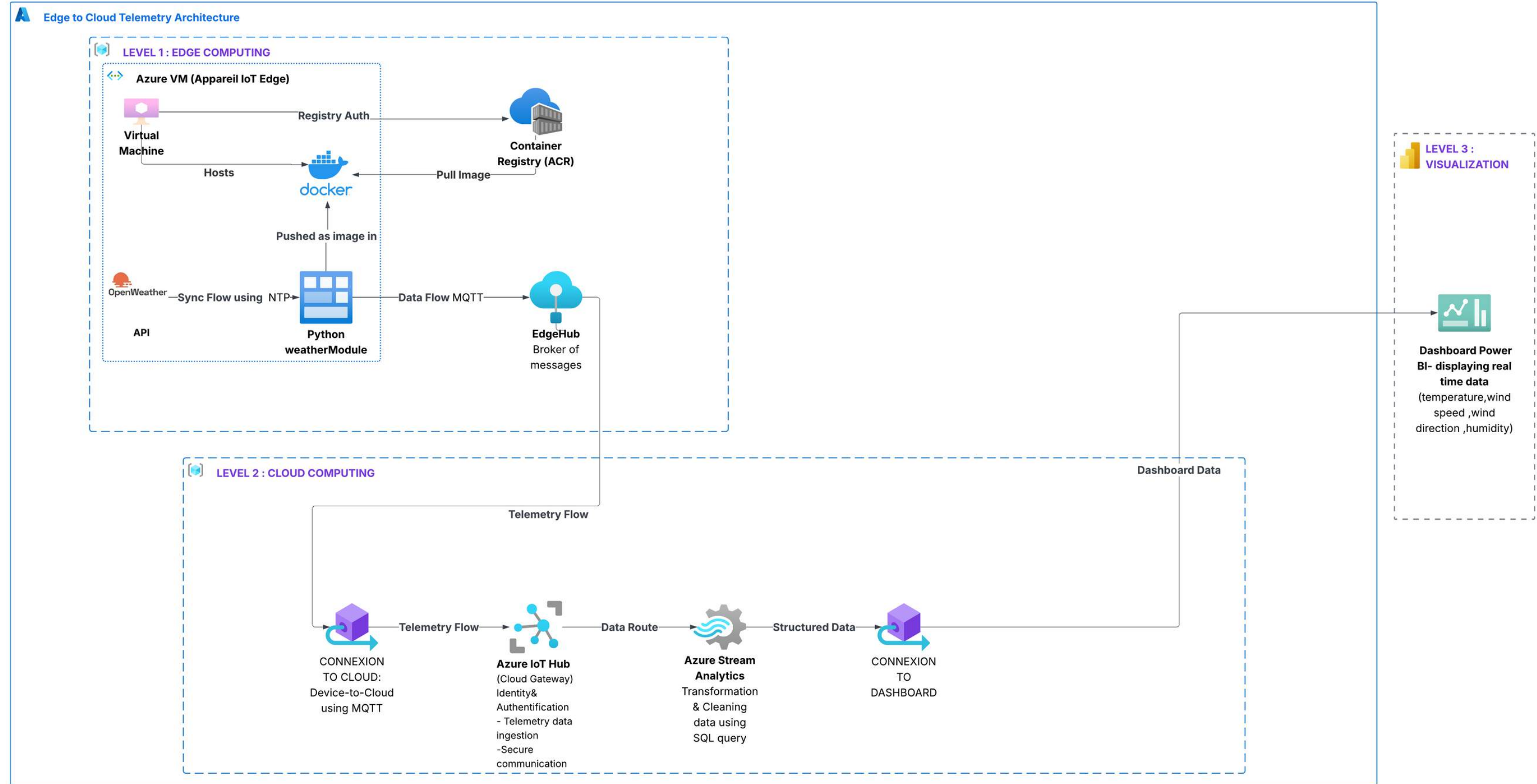


Power BI

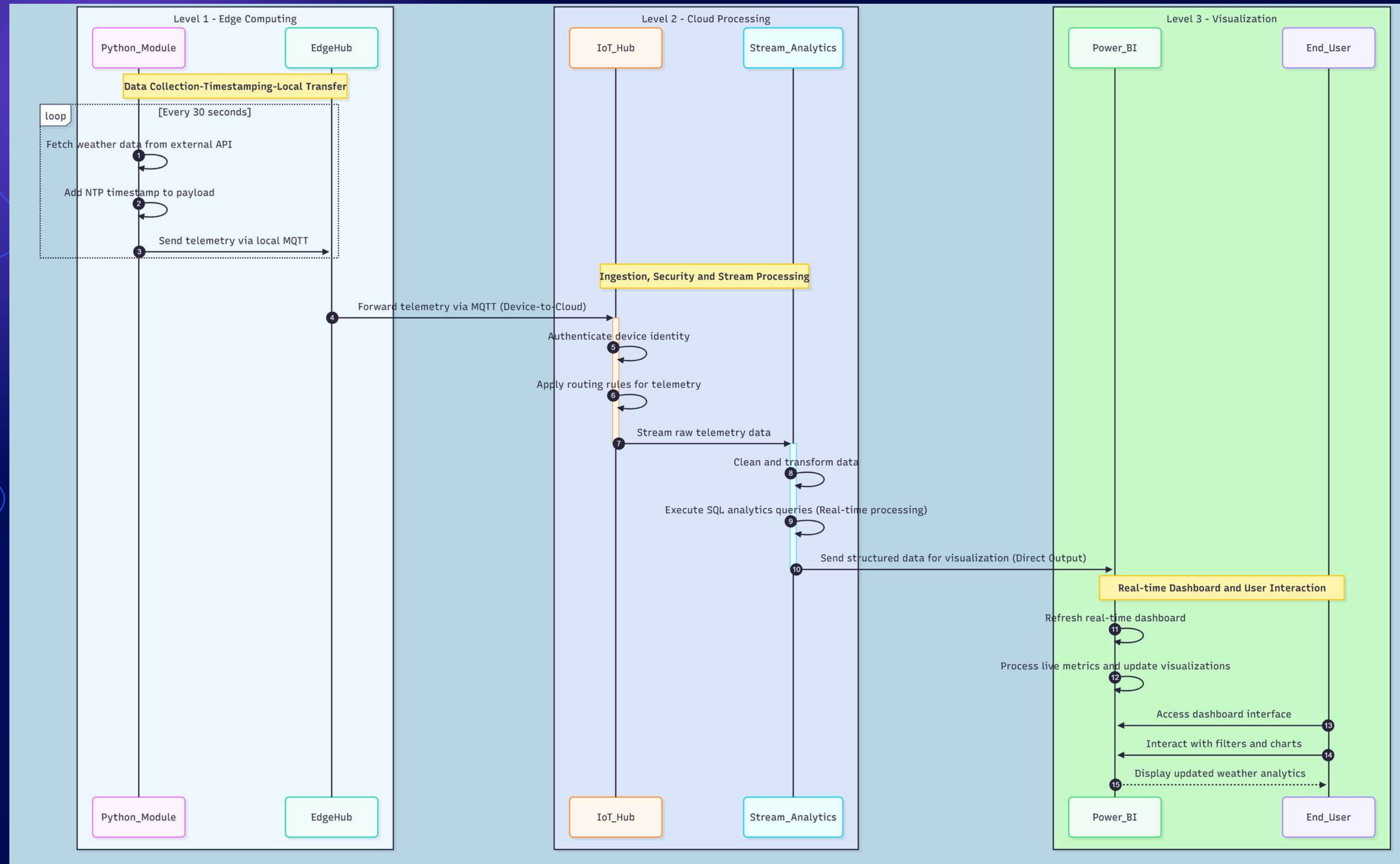


03. OVERALL SYSTEM ARCHITECTURE

Edge to Cloud Telemetry Architecture



04. Sequence Diagram





05. DEMONSTRATION & REAL-TIME VISUALIZATION



06. CONCLUSION

By uniting IoT intelligence at the edge with the limitless power of the cloud, we unlock a new era where real-time insight, automation, and innovation transform everyday challenges into smart, connected, and impactful solutions.

The image features a dark blue background with a complex pattern of white contour lines, representing the Cosmic Microwave Background (CMB) fluctuation map. The contours are more densely packed in some areas, indicating higher temperature fluctuations. Overlaid on this background are four distinct, colorful regions: a large, irregularly shaped region in the upper center with a color gradient from blue to green to yellow; a smaller, more circular region in the upper right with a yellow-to-red gradient; a circular region in the lower right with a yellow-to-red gradient; and a circular region in the lower left with a yellow-to-red gradient. The text "THANK YOU" is centered in the middle of the image in a large, bold, white, sans-serif font.

THANK YOU