

# How an Intuitive Dashboard Provides Key Insights Into IoT Data

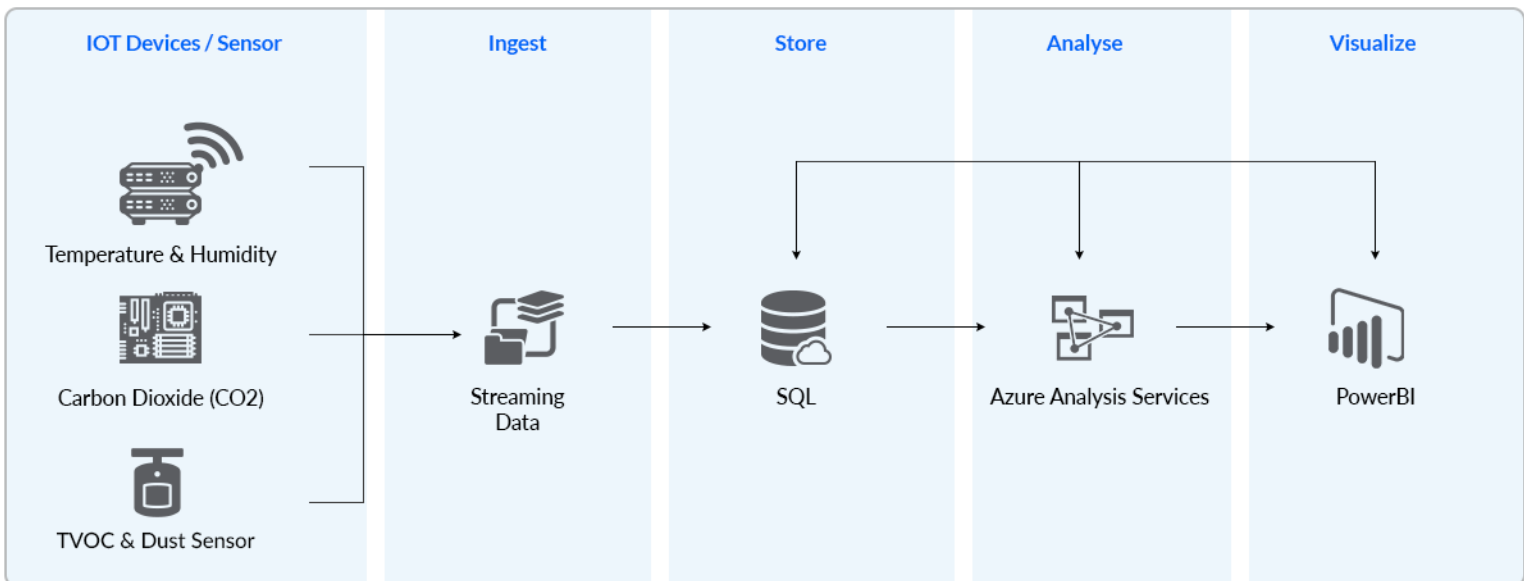


## BUSINESS CASE

- » Need to provide critical insights into air quality, interpreting a steady stream of IoT data
- » Dashboard visualizations should provide actionable understanding and should be intuitive
- » Should highlight areas of improvement across key measurement parameters

## SCOPE

- » Design cloud based architecture to ingest streaming IoT data from a number of sensor devices
- » Create foundational data visualization service layer enabling data consumption by executive management and operational management stakeholders
- » Create visualizations to help management easily understand various measurements including air quality index, temp, humidity, CO2, PM10 and TVOC levels



## BUSINESS BENEFITS

- » Ability to monitor in “real-time” for avoiding often unseen risks from poor air quality conditions
- » Enables better analysis of significant measurements across key areas and helps design better operational controls
- » Improved end customer/ consumer confidence in air quality

## SOLUTION OVERVIEW

- » Design cloud ready architecture to ingest streaming IoT data
- » Design, develop, test and deploy visualizations to help effortlessly analyze large volumes of streaming data
- » Enable weekly/ monthly & location wise comparisons of key measurements to highlight areas that need attention