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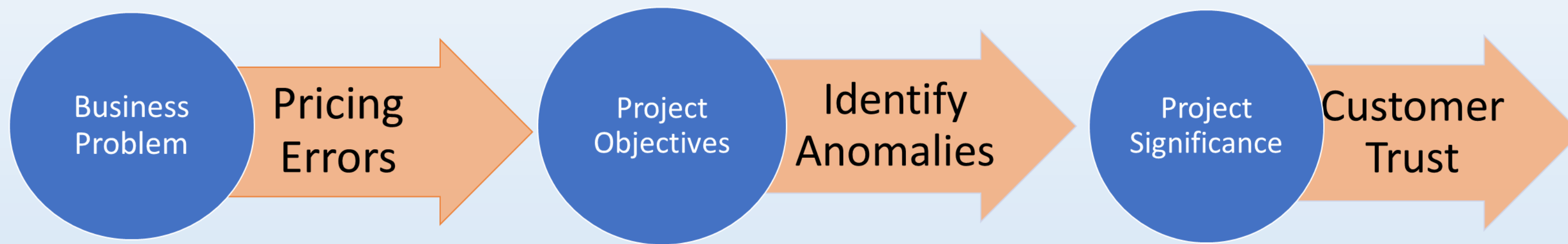


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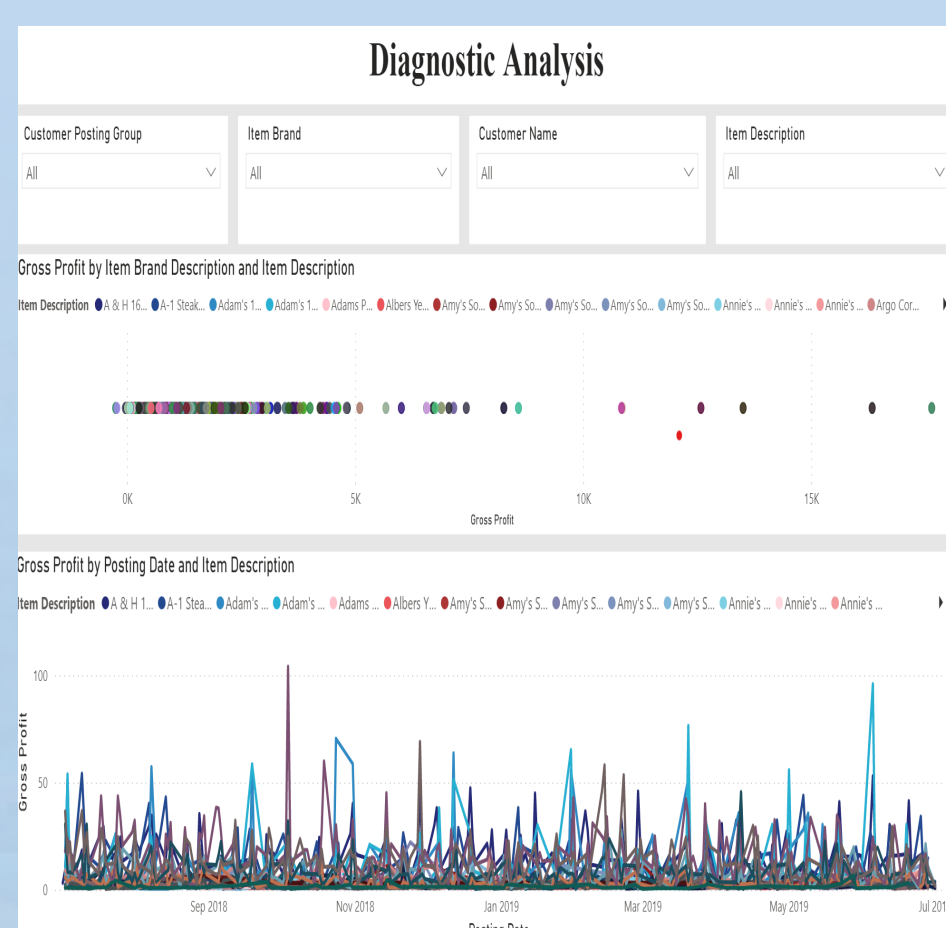
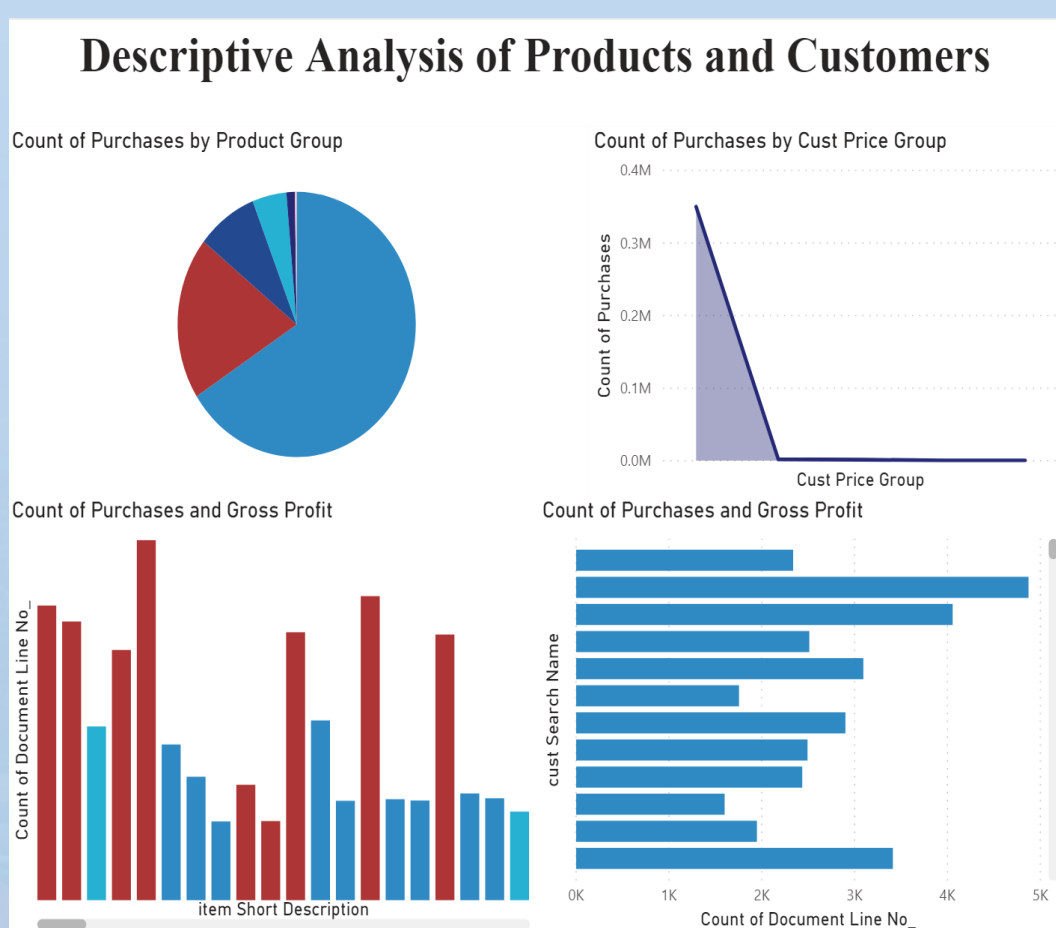
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Project Overview



How can you tell if a price is wrong? If the customer tells you, then it is too late. For our project we analyzed millions of rows of pricing data to see what patterns could be linked to an error in process. The goal: avoid costly rework, and keep customer trust.

Descriptive and Diagnostic Analysis



Analytical Tools and Methods

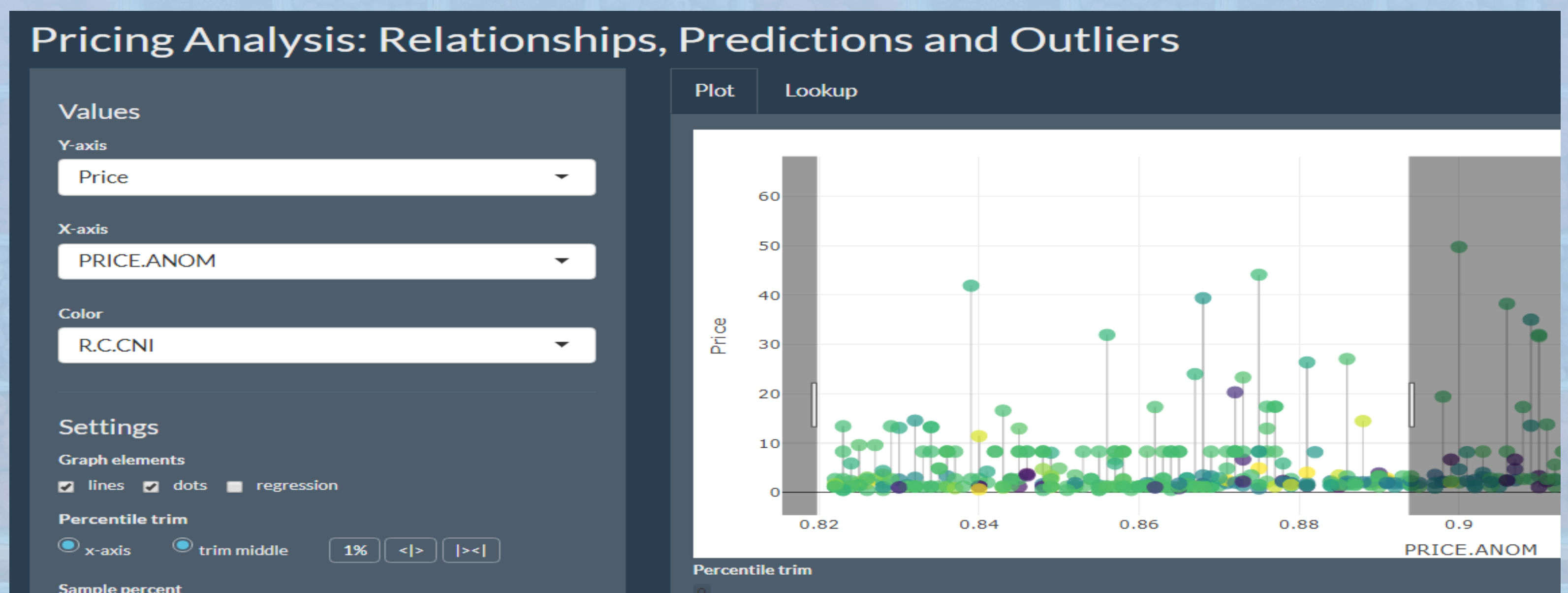


Power BI



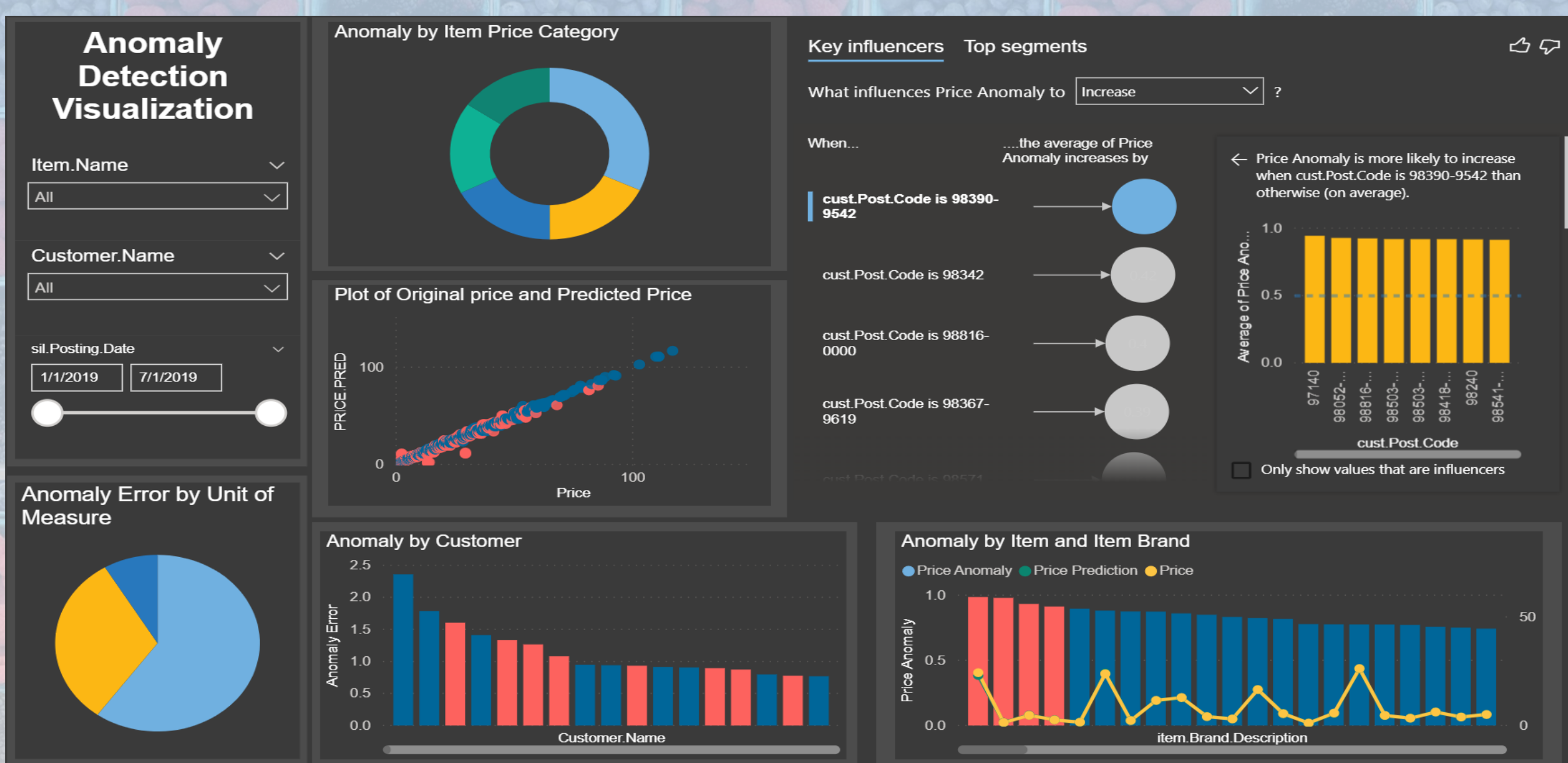
Dynamic Predictive Analytical Model

Our modeling assigned anomaly scores with two aims: precision, and transparency. Precision means that flagged prices should be *surprising* to the client. Transparency means that the client can see what factors are driving the anomaly.



Prescriptive & Cognitive Analytics

To use our model, the client must apply it to new prices in real-time. We created a Power BI dashboard with integrated messaging via Power Apps as a flexible interface for ongoing review and analysis.



Integration with PowerApps allows client to send out internal notices.