



# Alpha Presentation

## Segmented Data Anomaly Detection

The Capstone Experience

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*From Students...  
...to Professionals*

Department of Computer Science and Engineering  
Michigan State University  
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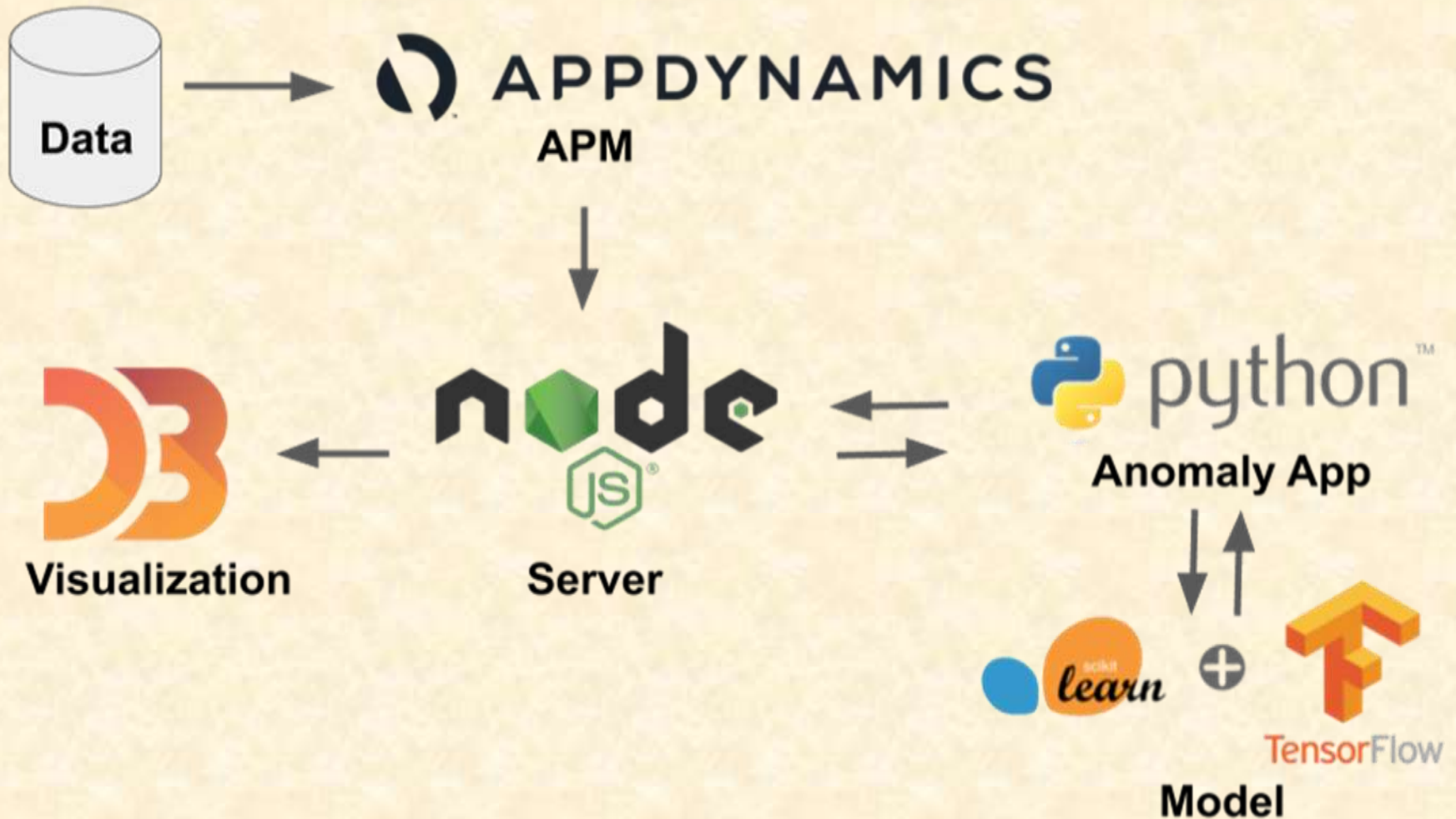
# Project Overview

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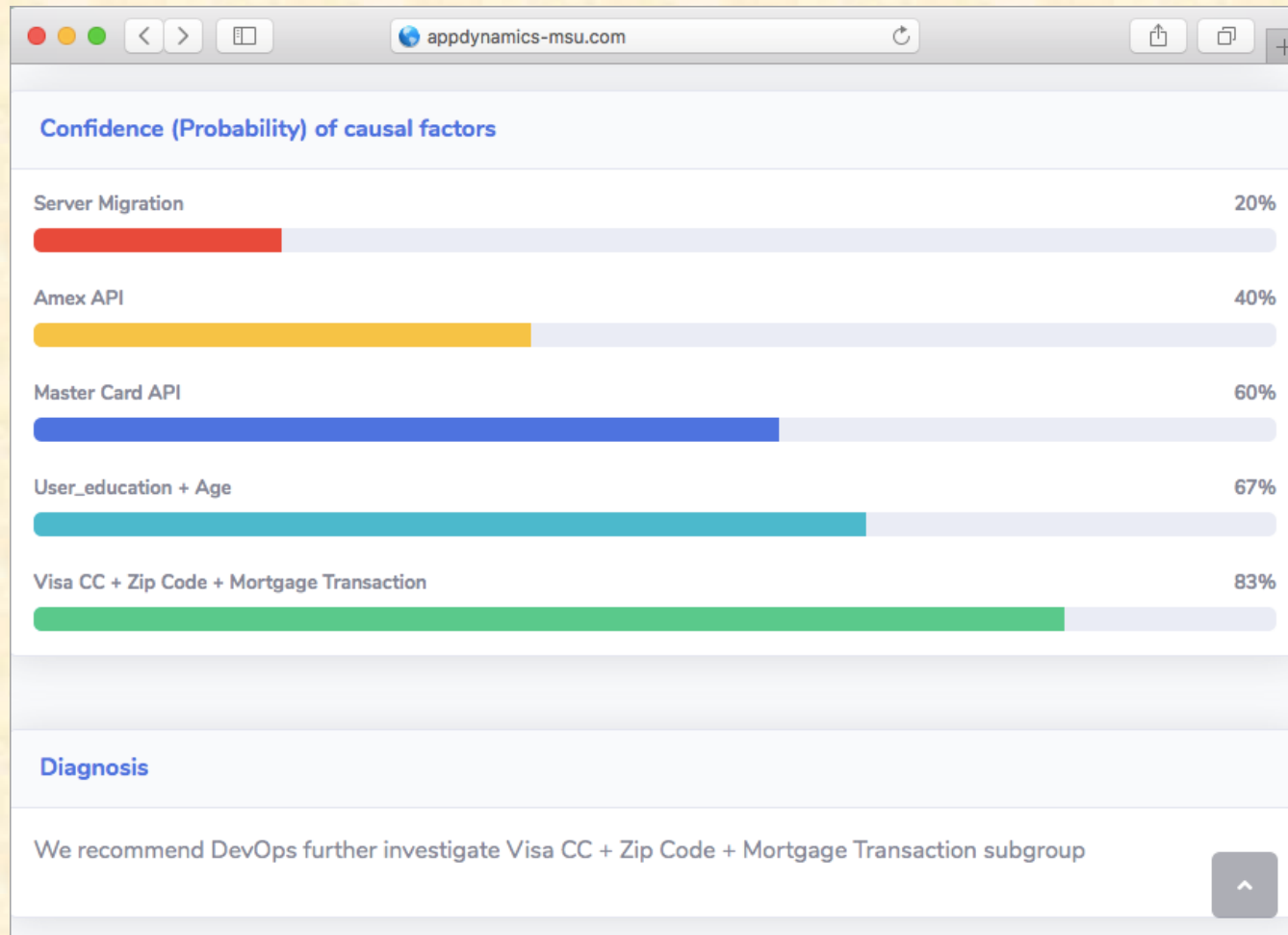
- Discover underlying commonalities in poor performing transactions
- Visualize the discoveries and analysis



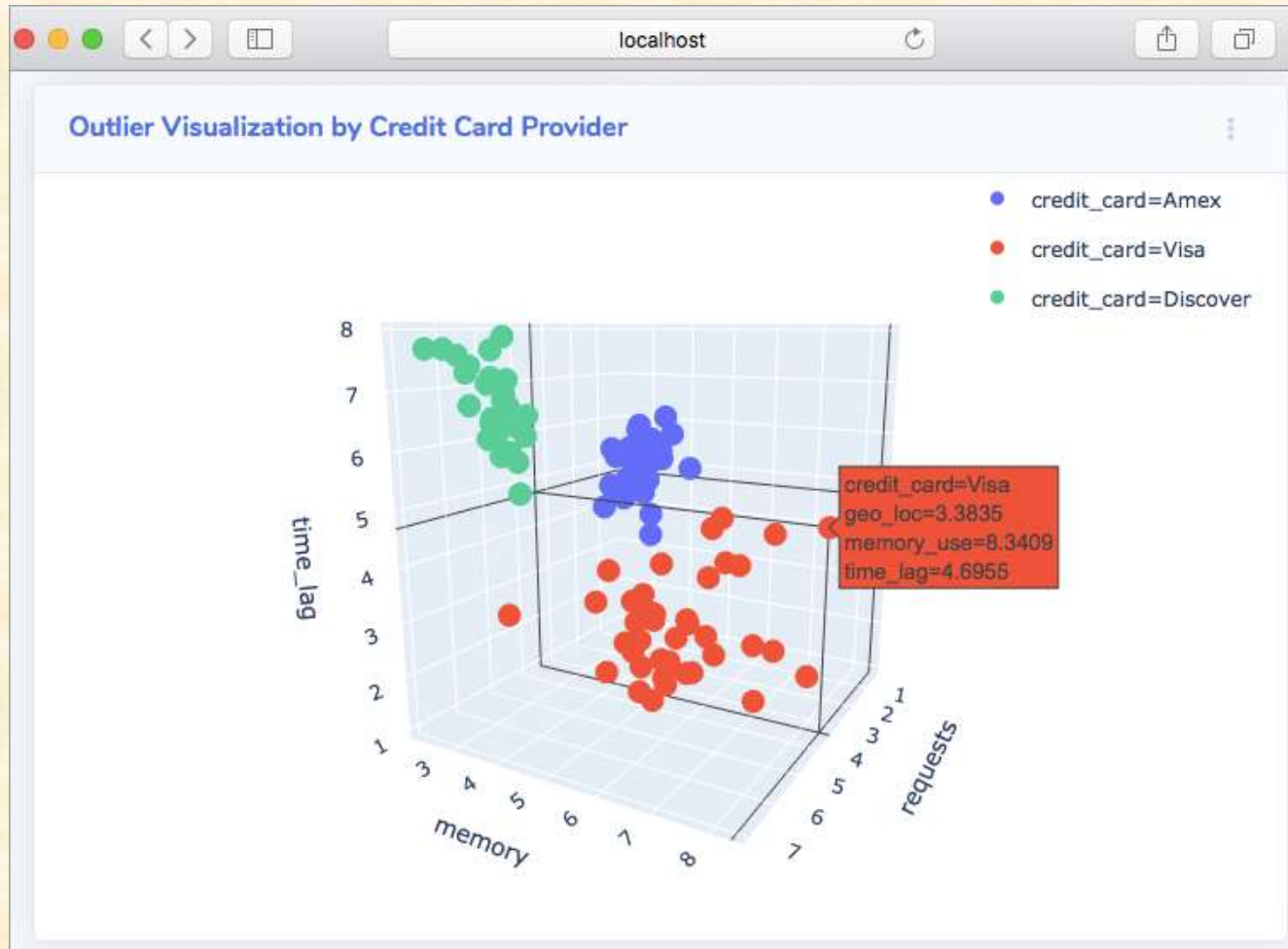
# System Architecture



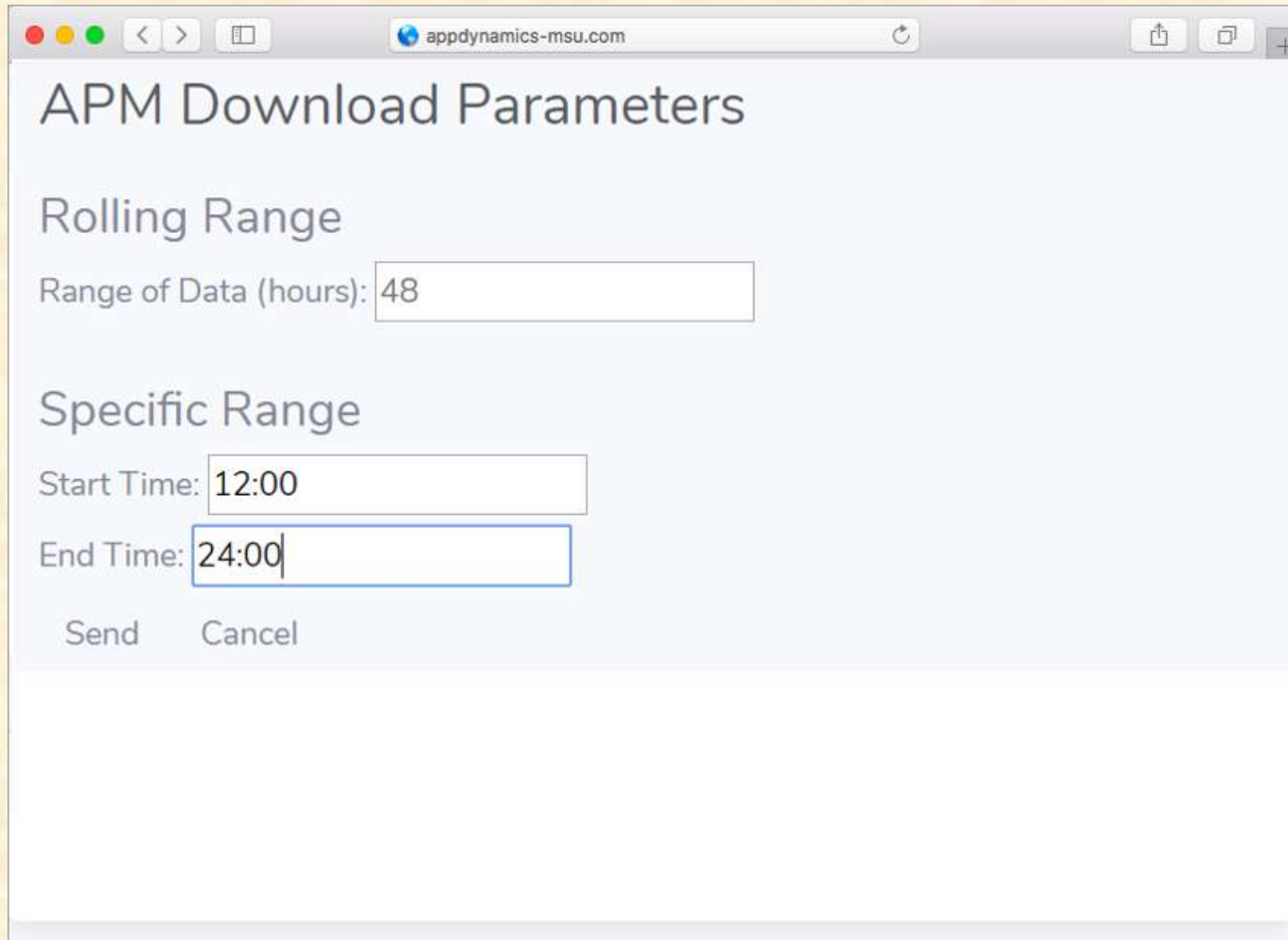
# Discovery Confidence



# Visualization of Discoveries



# Data Capture Time Frame



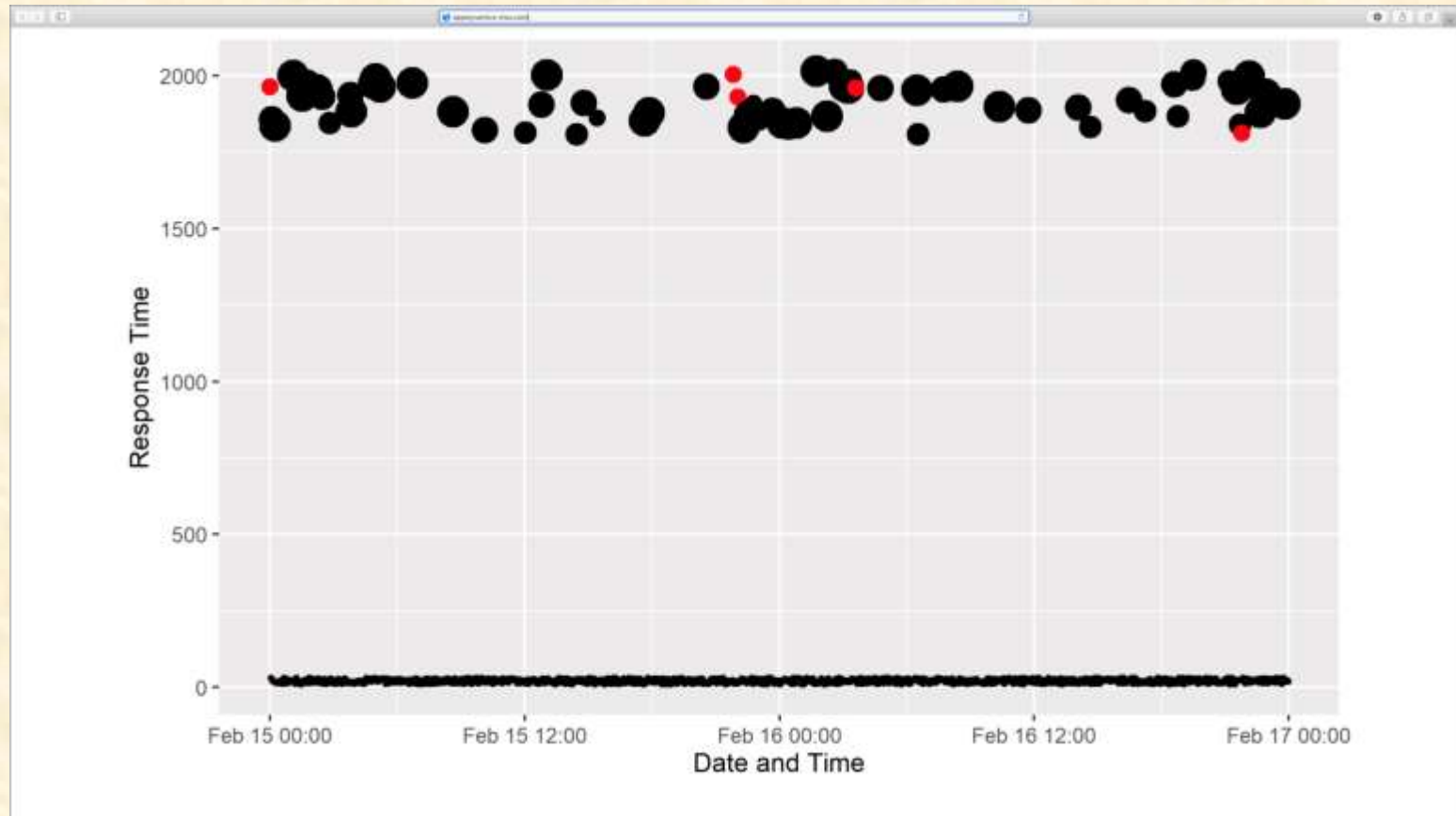
The screenshot shows a web browser window with the address bar displaying "appdynamics-msu.com". The main content area is titled "APM Download Parameters". It contains two sections: "Rolling Range" and "Specific Range".

**Rolling Range**  
Range of Data (hours):

**Specific Range**  
Start Time:   
End Time:

At the bottom of the form are two buttons: "Send" and "Cancel".

# Data Capture Time Frame





# What's left to do?

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- Implement Automated Segmentation Of Data
- Generalize Data Visualization
- Further Generalization Of Data Cleansing



# Questions?

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