



# Beta Presentation

## Segmented Data Anomaly Detection

The Capstone Experience

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

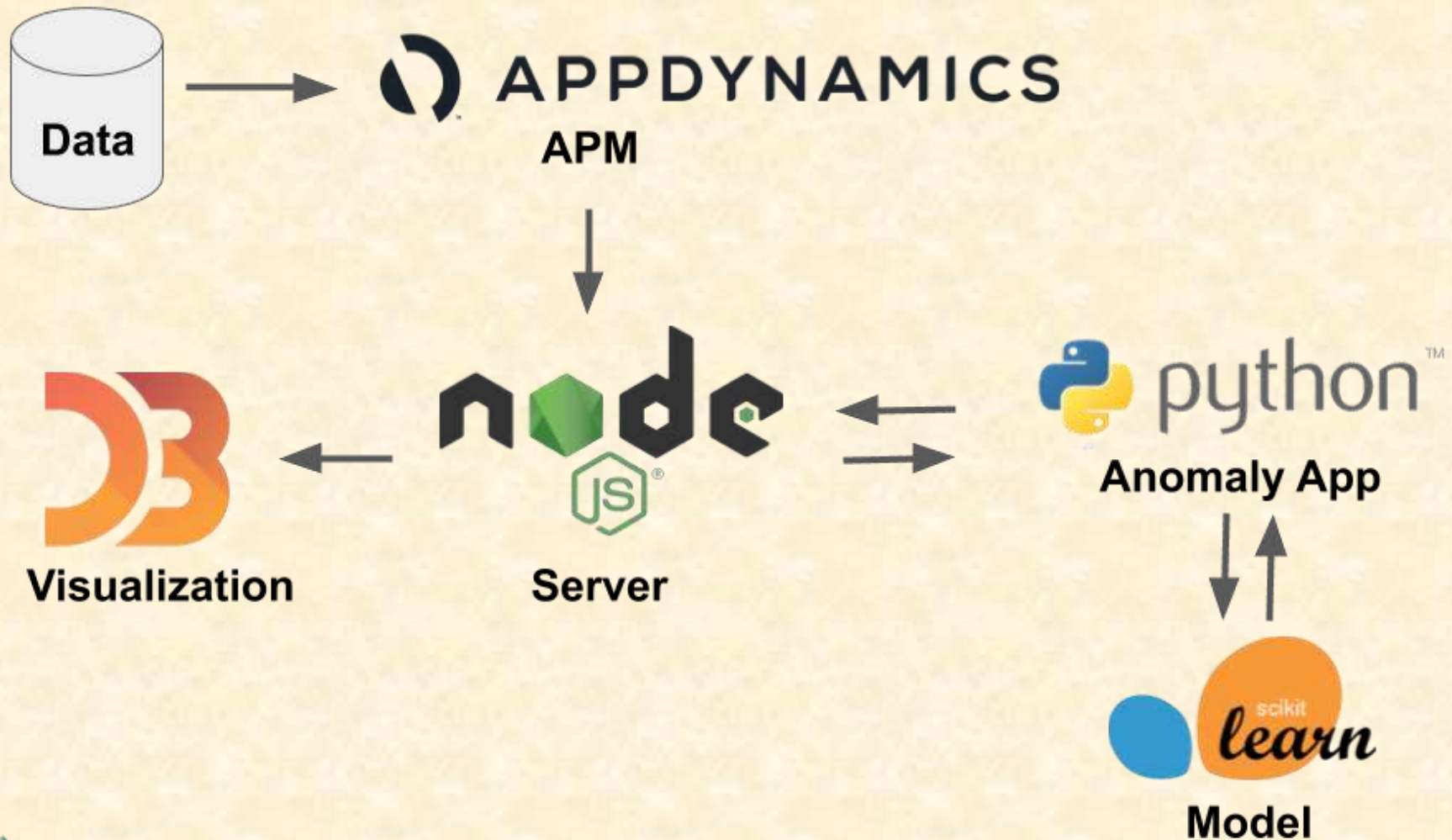
Department of Computer Science and Engineering  
Michigan State University  
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# Project Overview

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- Identify underlying commonalities in poor performing transactions
- Visualize the discoveries and analysis of data

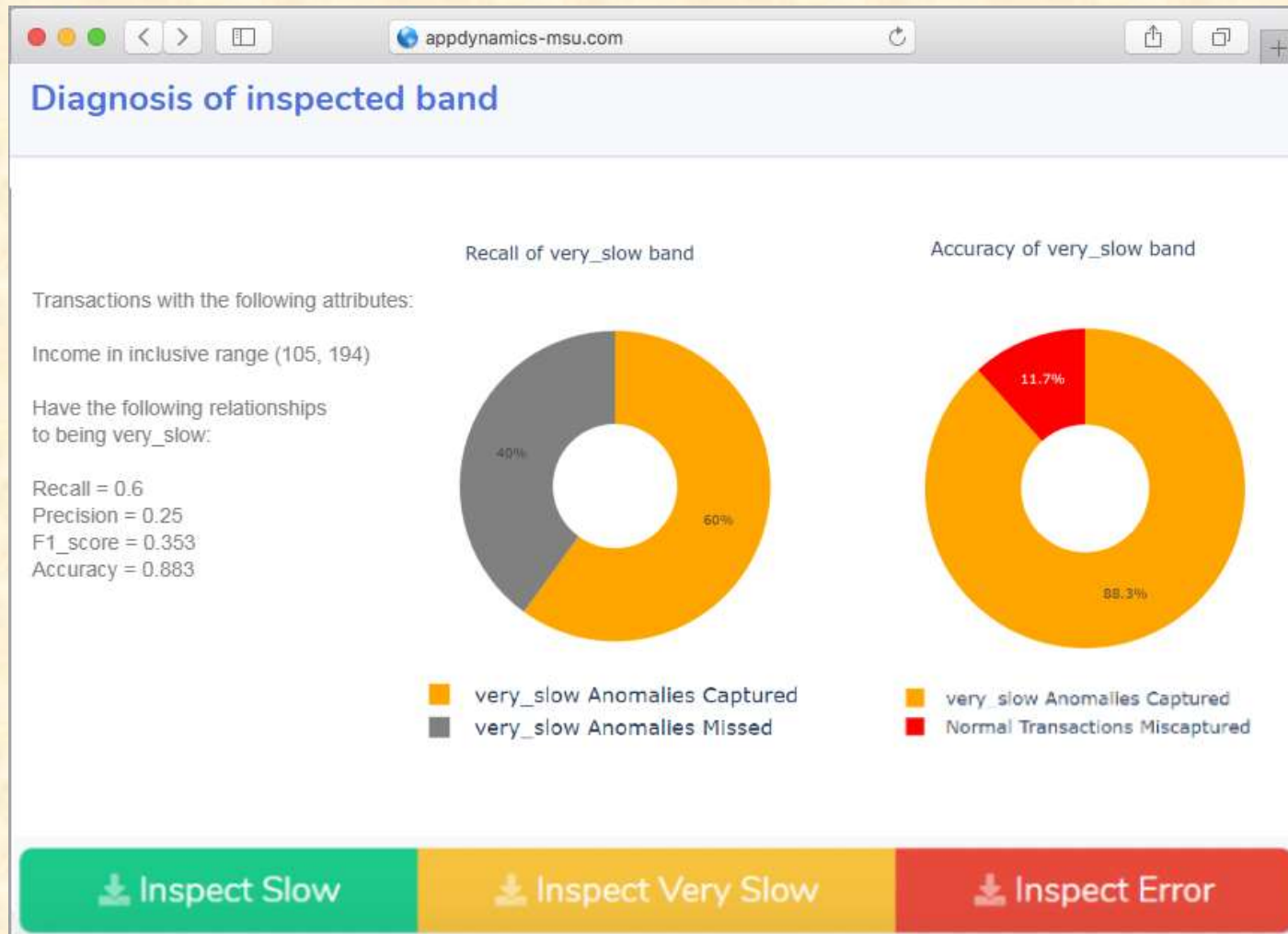
# System Architecture



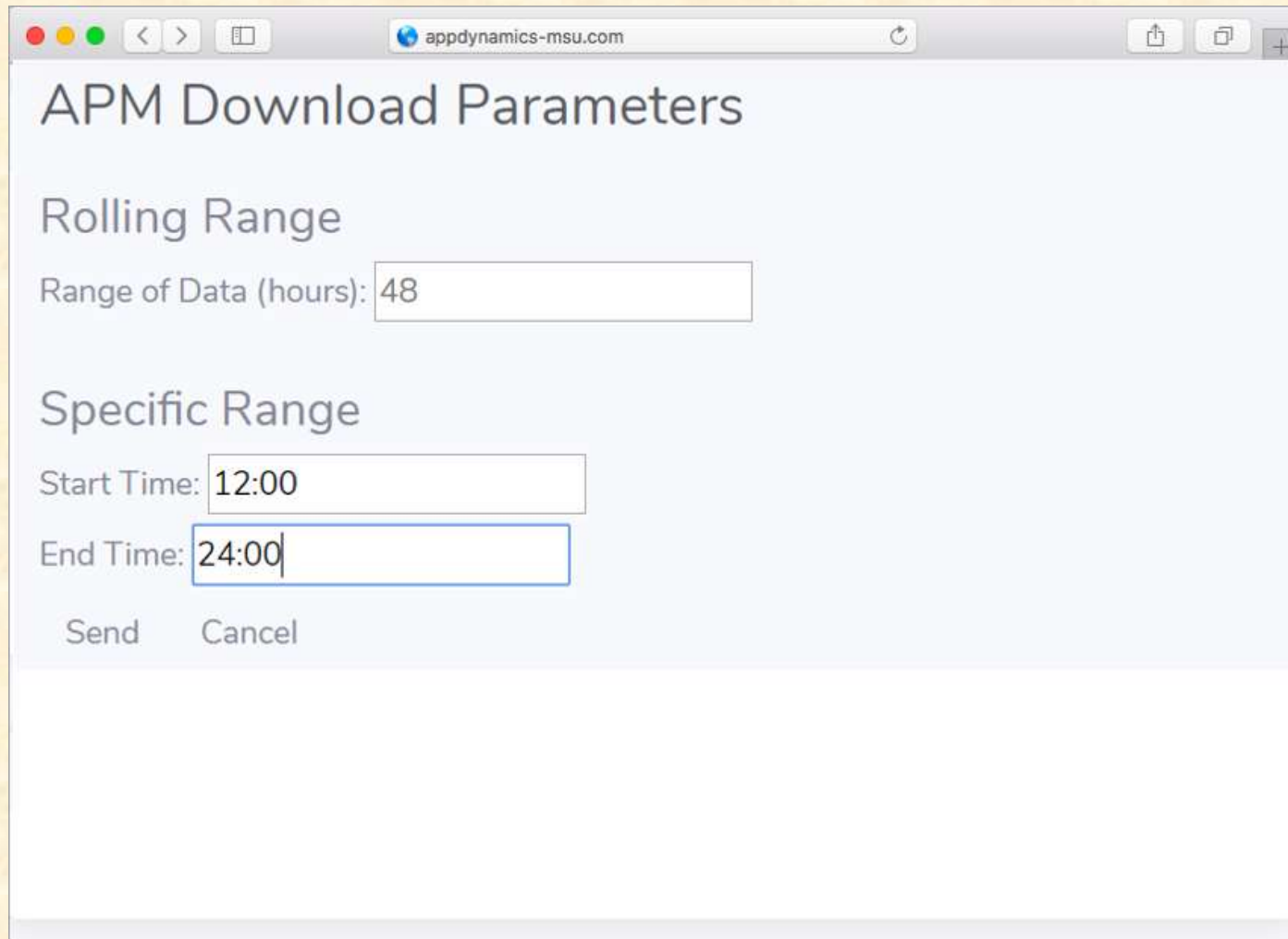
# Discovery Overview



# Discovery Metrics



# 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". In the "Rolling Range" section, there is a label "Range of Data (hours):" followed by a text input field containing the value "48". In the "Specific Range" section, there are two text input fields: "Start Time:" with the value "12:00" and "End Time:" with the value "24:00". At the bottom of the dialog, there are two buttons: "Send" and "Cancel".

APM Download Parameters

Rolling Range

Range of Data (hours):

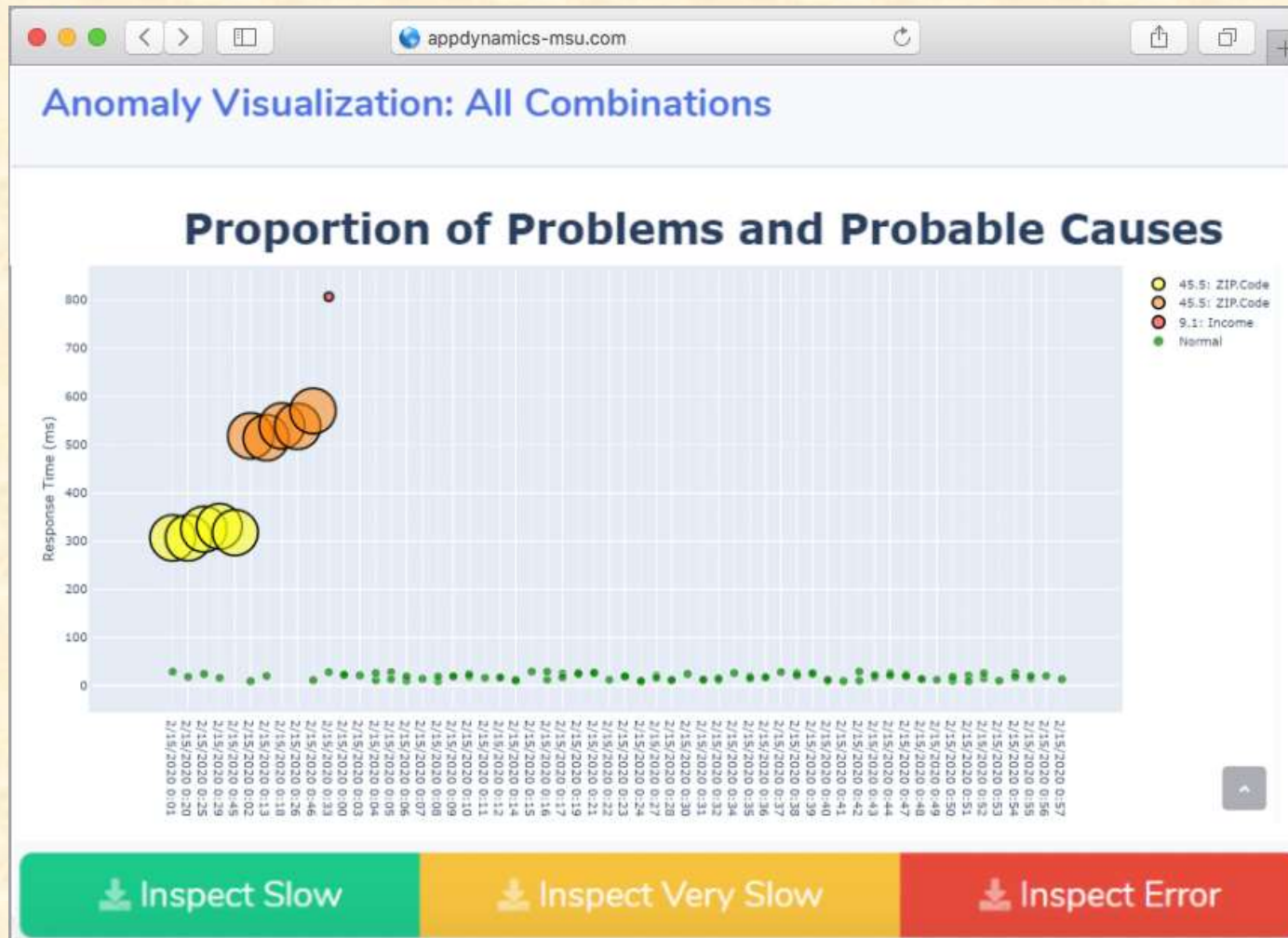
Specific Range

Start Time:

End Time:



# Data Capture Time Frame



# What's left to do?

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- Refine graphic visualizations
- Ensure edge cases are covered in random forest algorithm



# Questions?

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