

**MICHIGAN STATE**  

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**U N I V E R S I T Y**

# Beta Presentation

## Segmented Data Anomaly Detection

The Capstone Experience

Team AppDynamics

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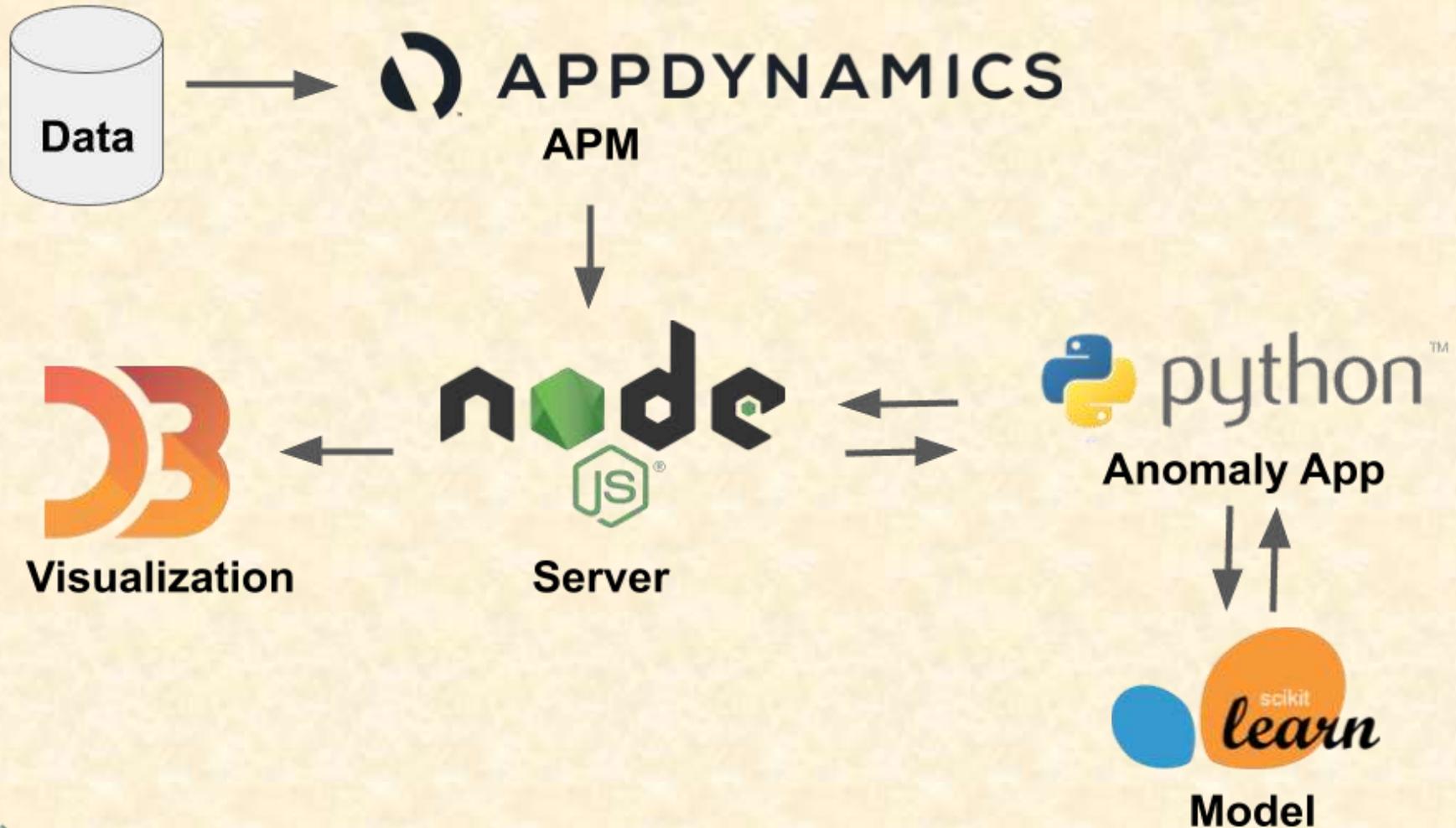


*From Students...  
...to Professionals*

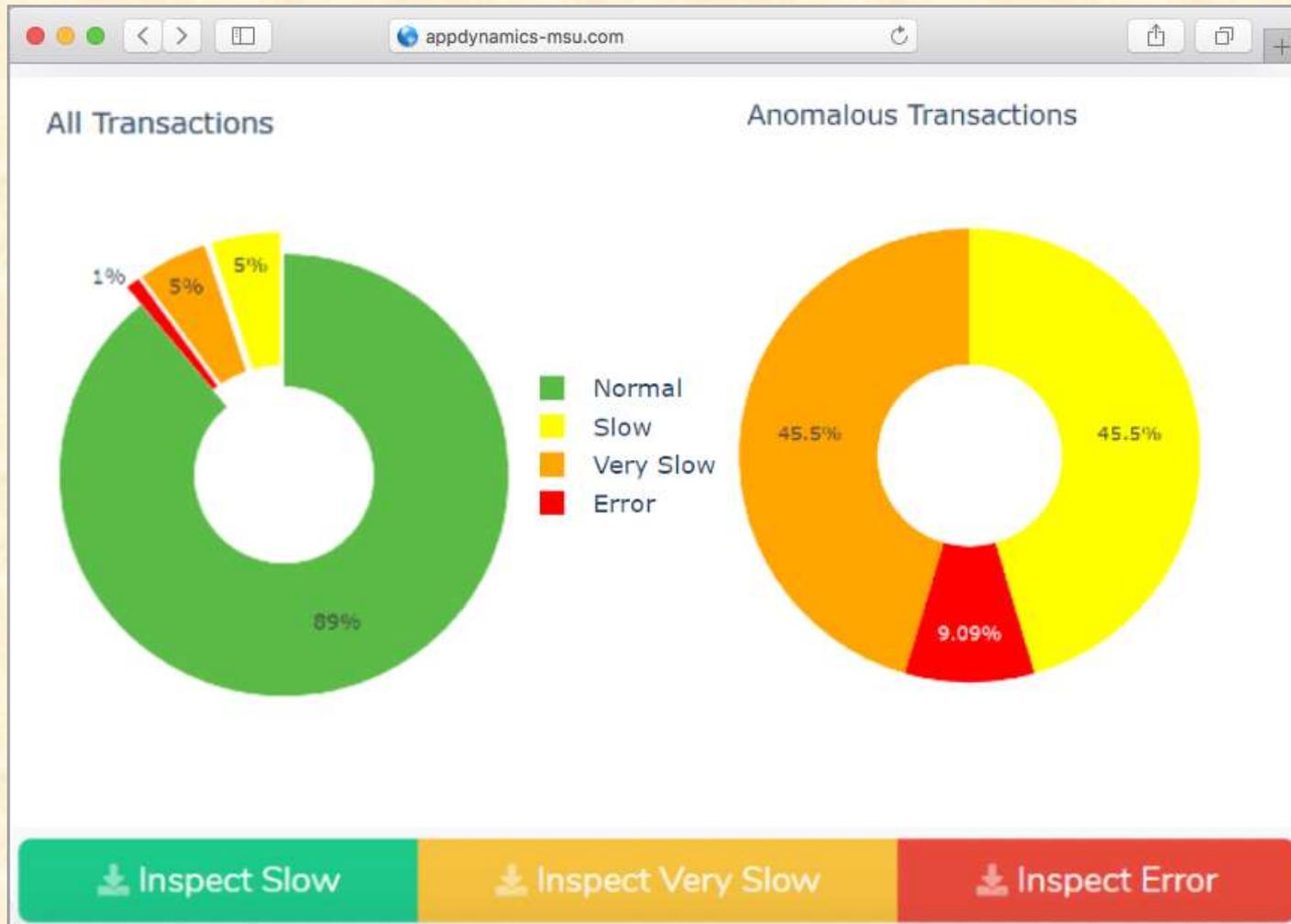
Department of Computer Science and Engineering  
Michigan State University  
Spring 2019



# System Architecture



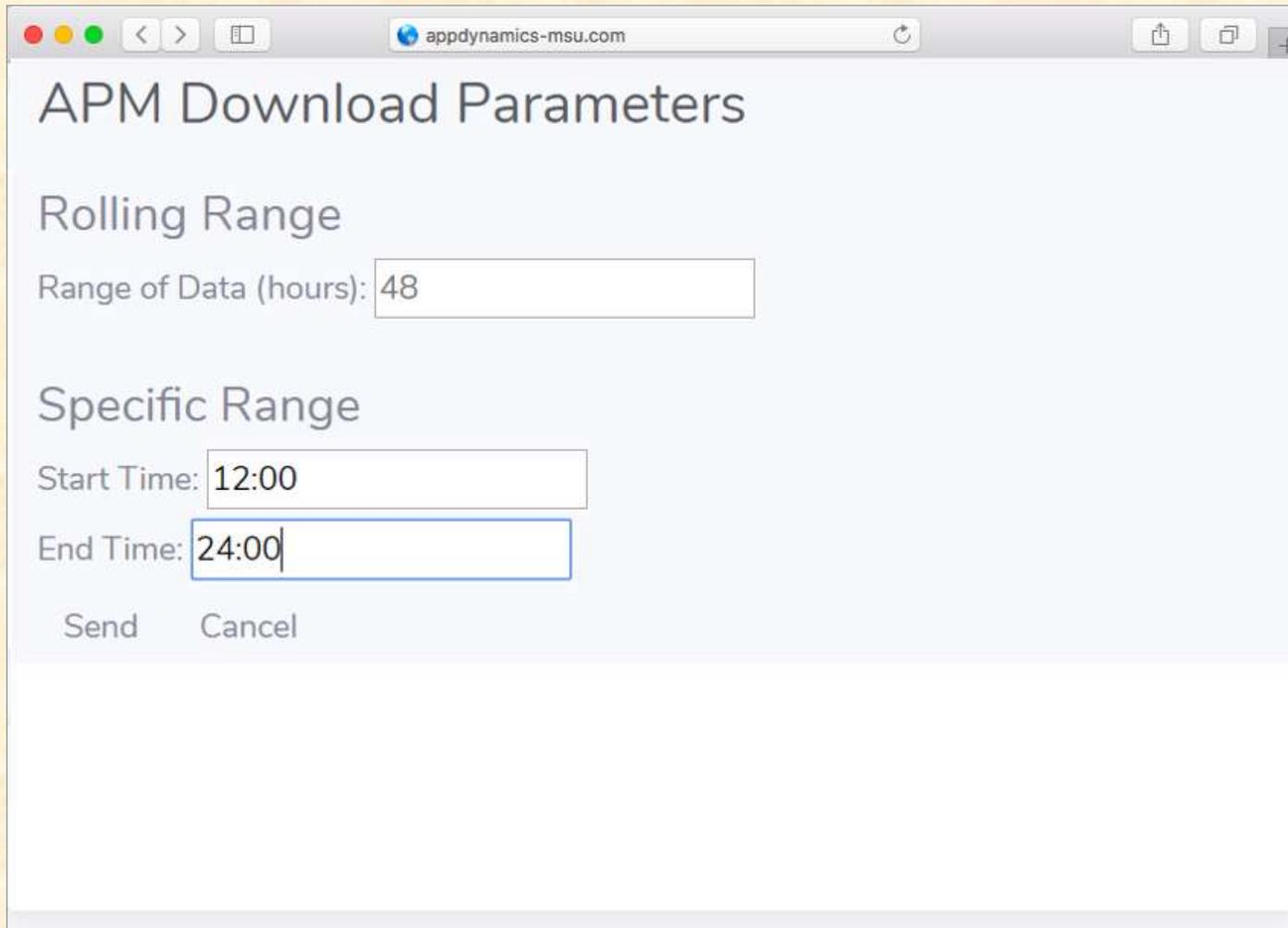
# Discovery Overview



# Discovery Metrics



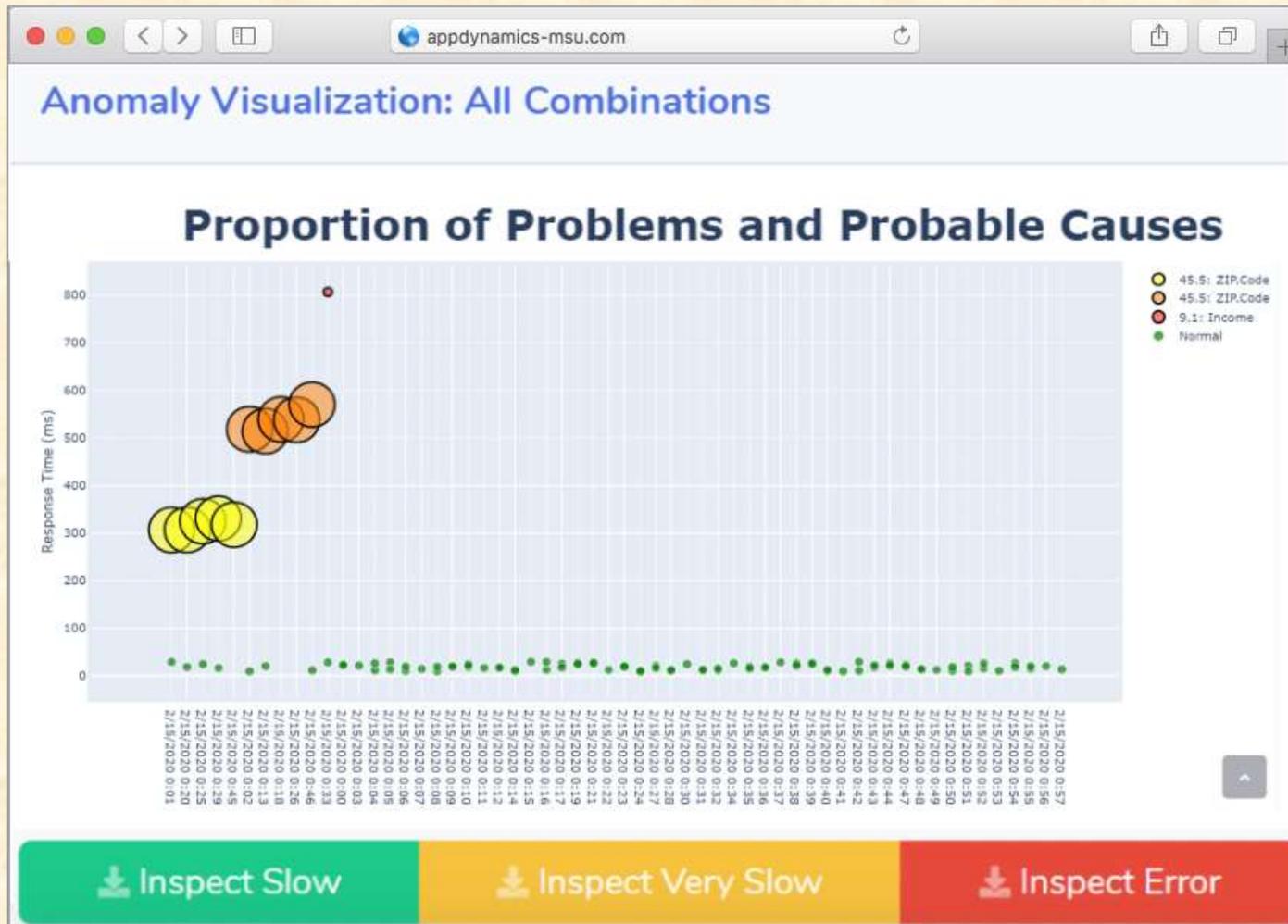
# Data Capture Time Frame



The screenshot shows a web browser window with the URL `appdynamics-msu.com`. The page title is "APM Download Parameters". Under the heading "Rolling Range", there is a text input field labeled "Range of Data (hours):" containing the value "48". Under the heading "Specific Range", there are two text input fields: "Start Time:" containing "12:00" and "End Time:" containing "24:00". At the bottom of the form, there are two buttons: "Send" and "Cancel".



# 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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