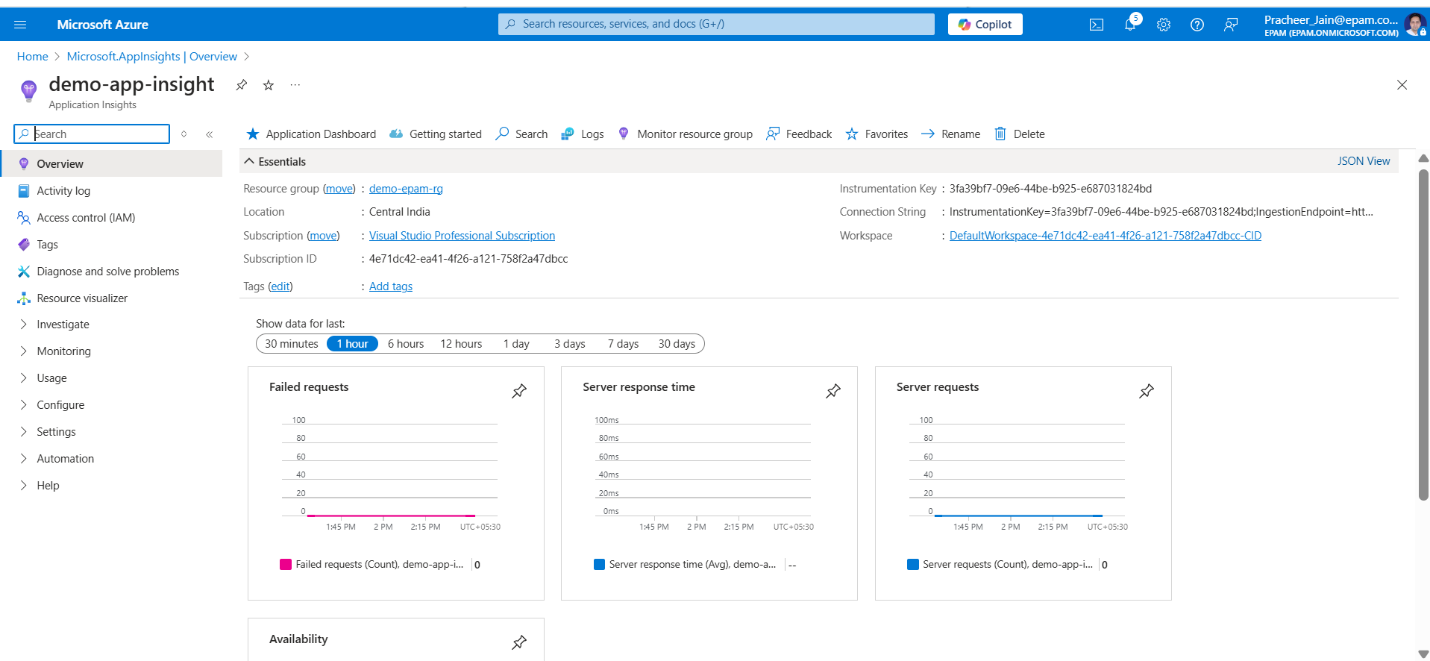
1. Create an Instance of Application Insights
   * Screenshot showing the creation of an Application Insights instance in the Azure portal.



1. Enable Connection to Application Insights
   * Screenshot demonstrating integration with Application Insights.

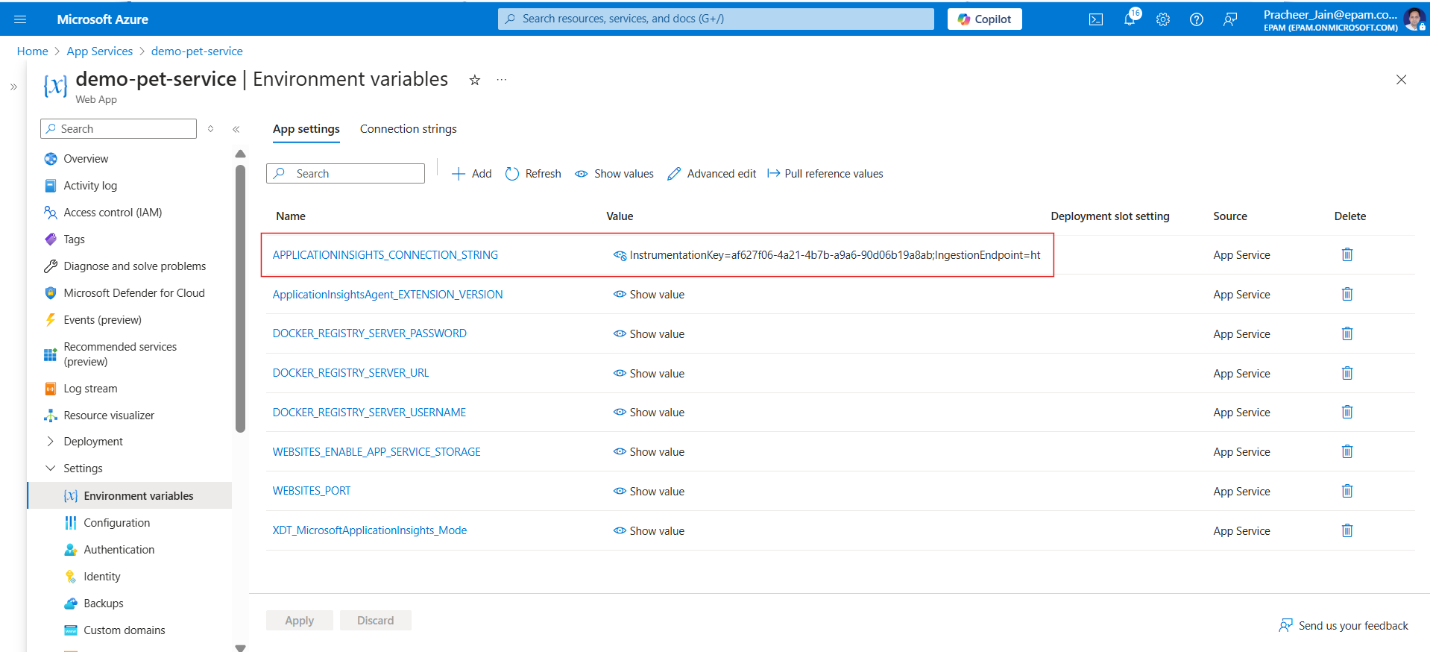
A screenshot of a computer

AI-generated content may be incorrect.

* + Screenshots of the deployed PetStore services with enabled Application Insights connections.

A screenshot of a computer

AI-generated content may be incorrect.



A screenshot of a computer

AI-generated content may be incorrect.

1. Browse the Pet Store Website
   * Screenshots capturing the process of adding multiple products to the shopping cart on the Pet Store website.

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AI-generated content may be incorrect.

1. Check Application Insights
   * Screenshots of the Application Insights dashboard:
     + Overview tab displaying incoming requests and failures.

A screenshot of a computer

AI-generated content may be incorrect.

* + - Live metrics tab displaying real-time metrics.

A screenshot of a computer

AI-generated content may be incorrect.

* + - Transaction search results.

A screenshot of a computer

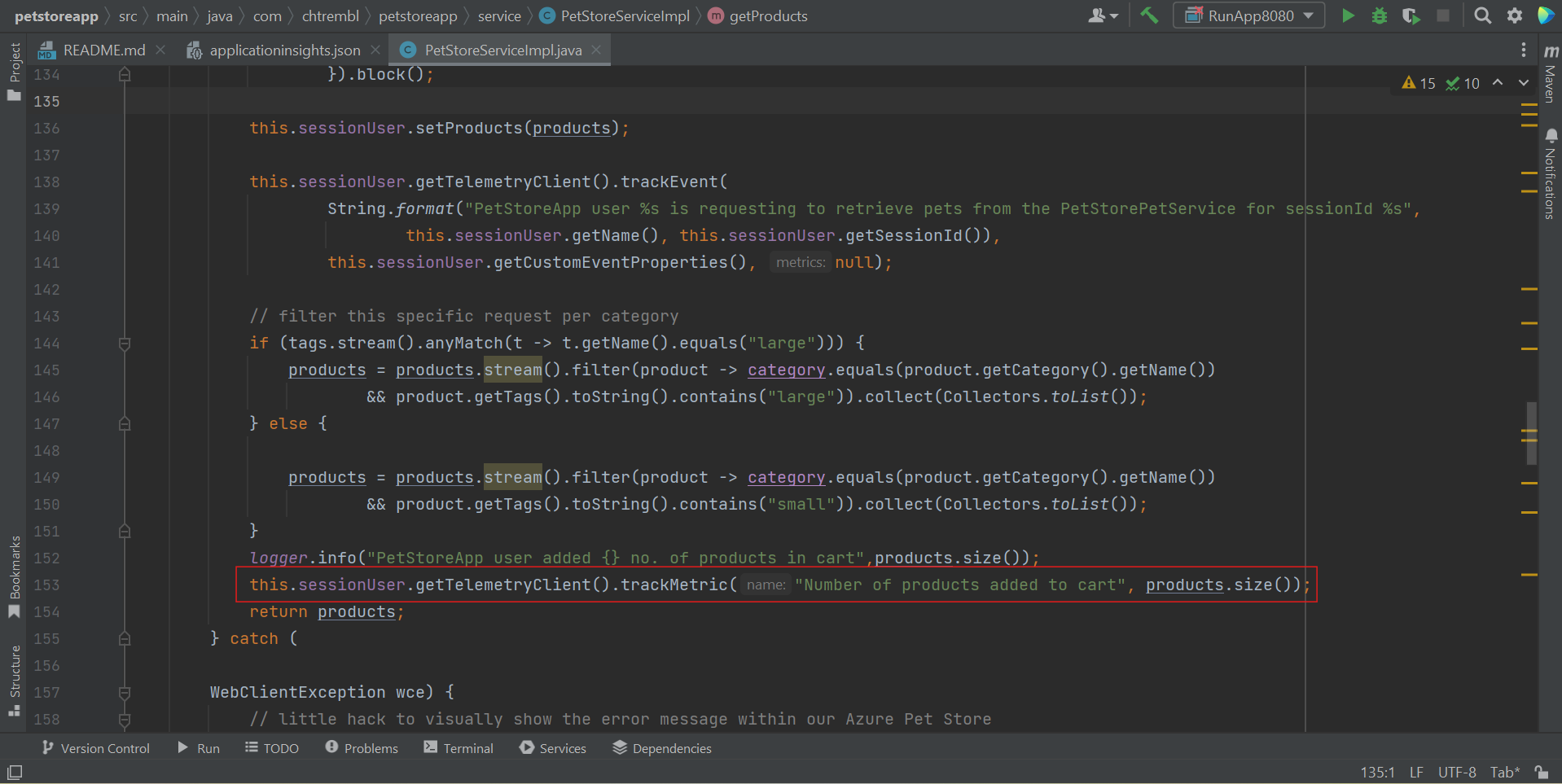
AI-generated content may be incorrect.

* + - Performance metrics relevant to the PetStore services.

A screenshot of a computer

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1. Implement Changes in the Code
   * Screenshot of the added custom metric in PetStoreServiceImpl.getProducts().

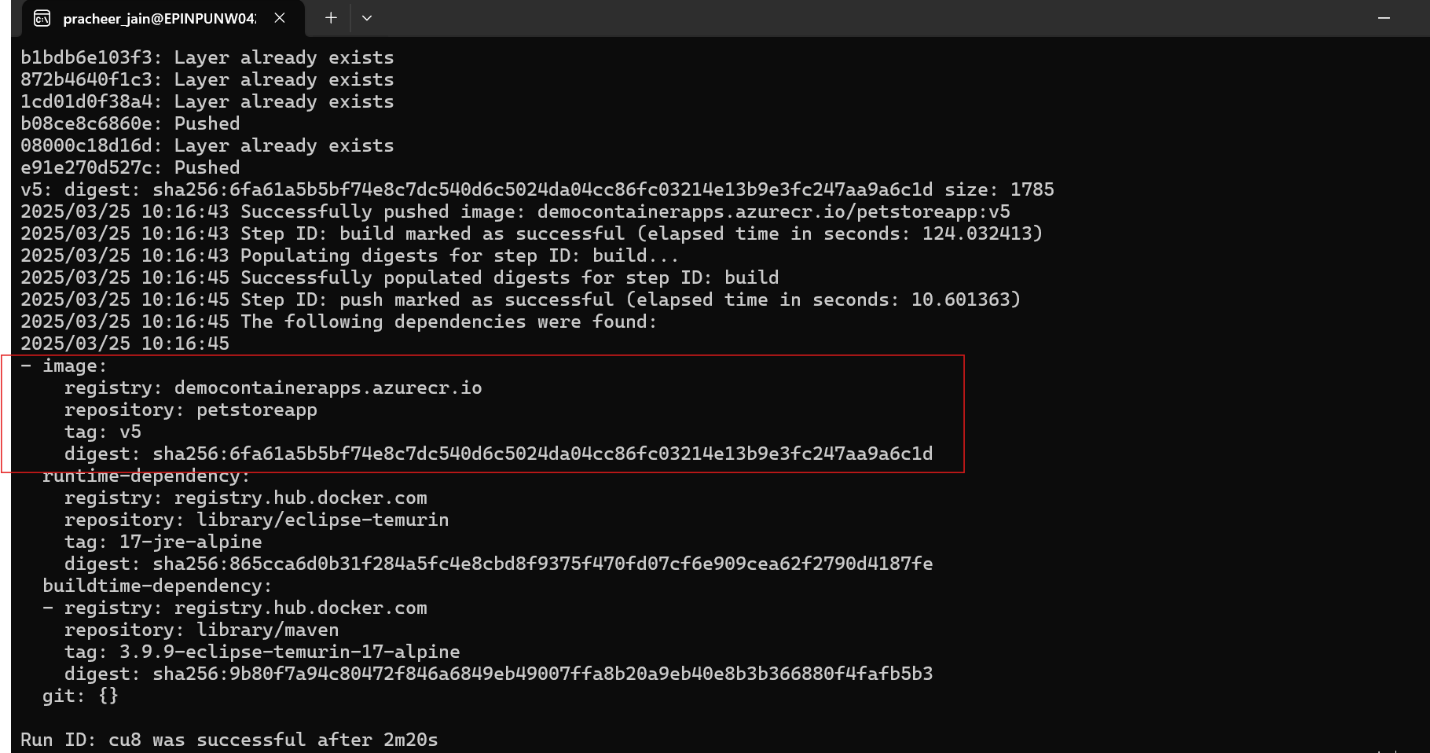


* + Screenshot showing added logging for the number of returned items.

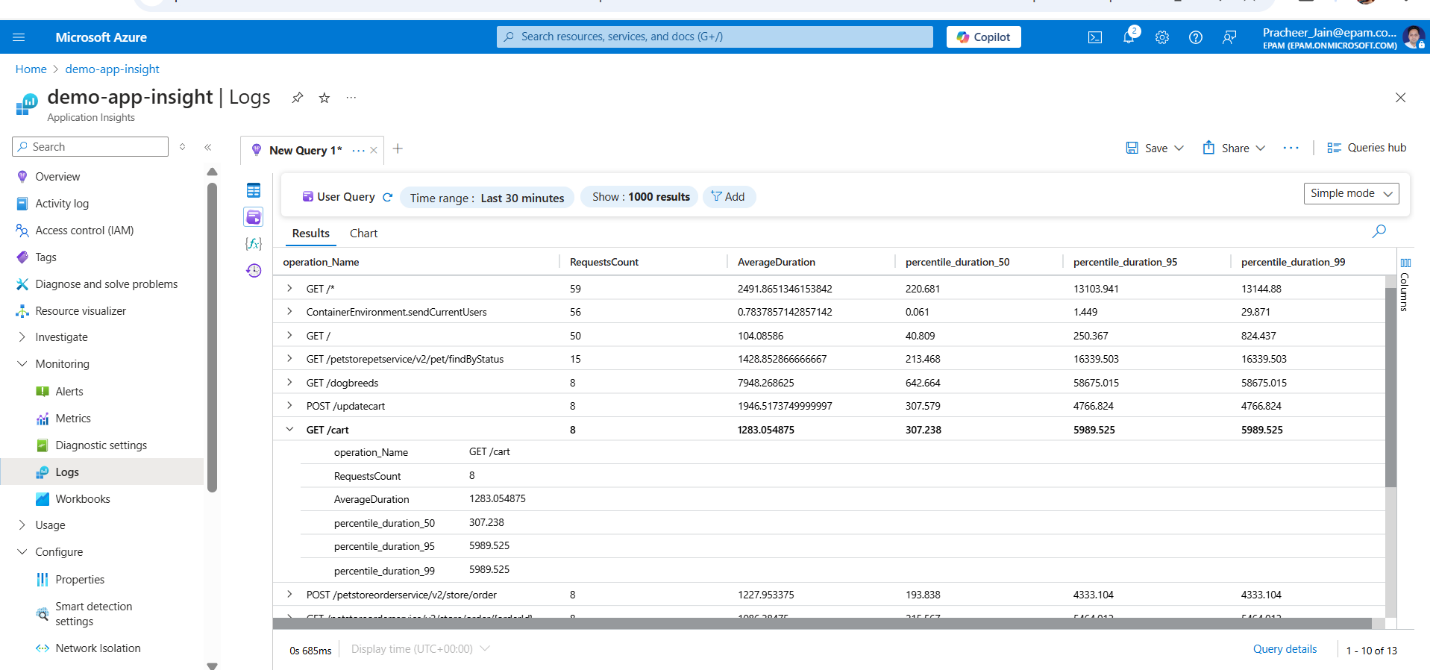
A screenshot of a computer program

AI-generated content may be incorrect.

* + Screenshots of the deployed PetStore services with implemented code changes.



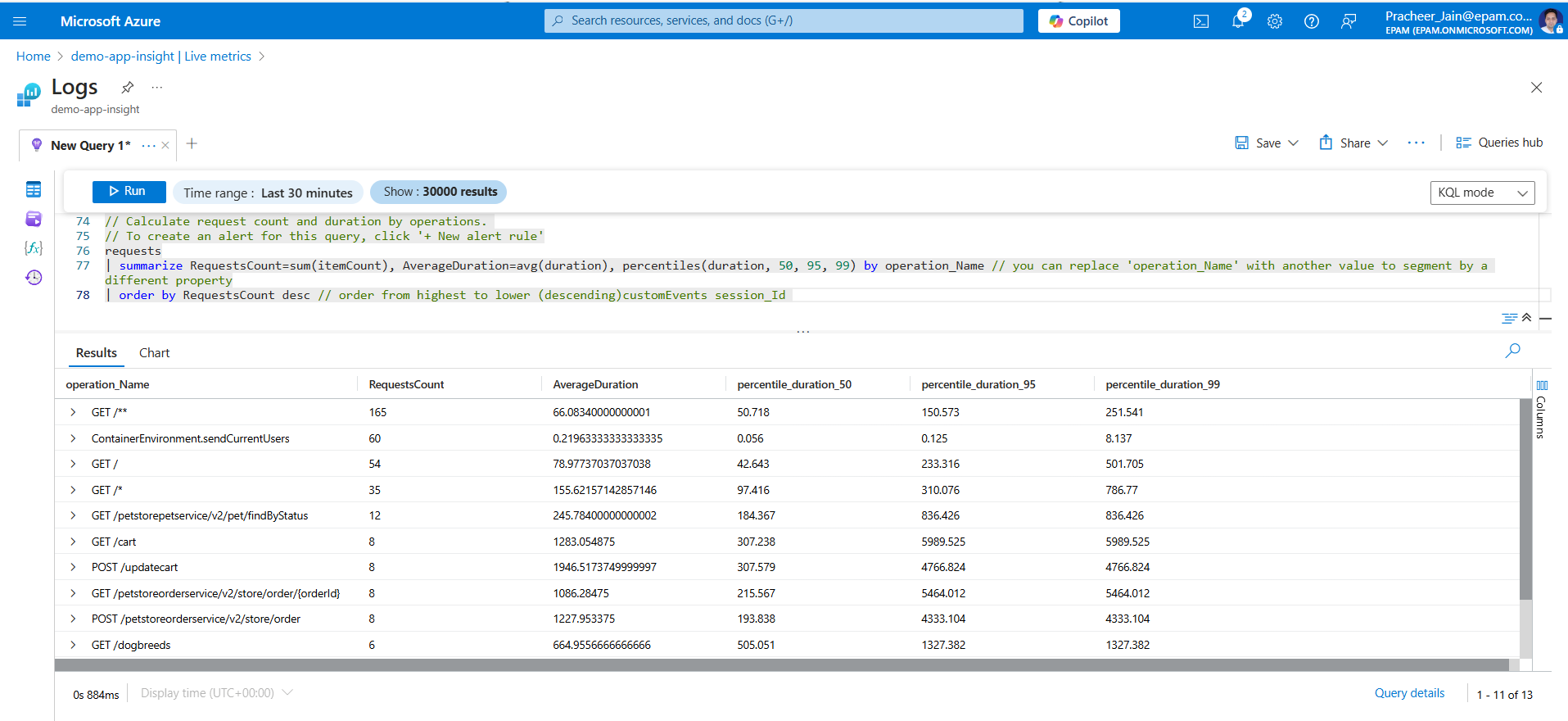
1. Examine Logs and Custom Events
   * Screenshots of Application Insights displaying logged events and custom metrics.



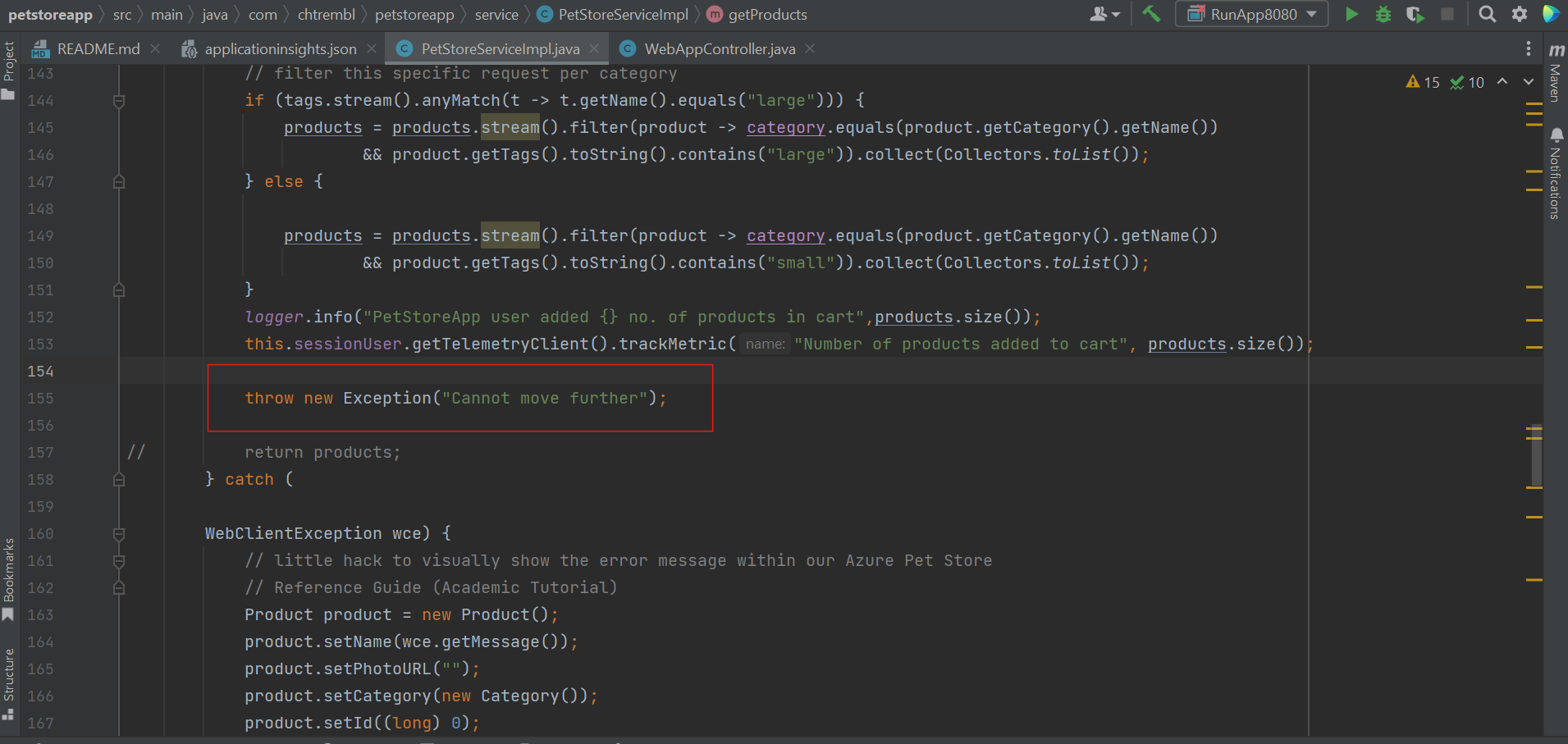
A screen shot of a graph

AI-generated content may be incorrect.

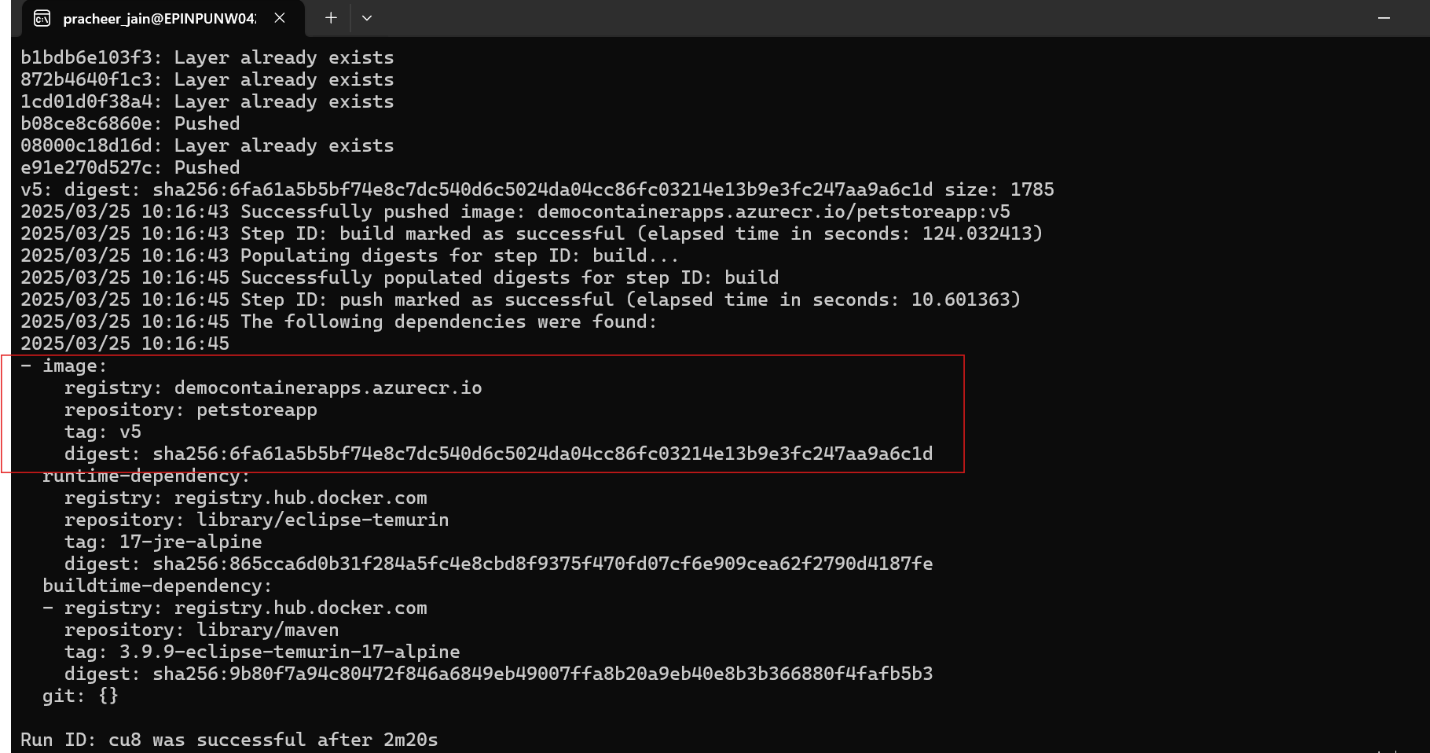
1. Use Kusto Query to Filter Logs
   * Screenshot of a Kusto query filtering logs by the current session ID.

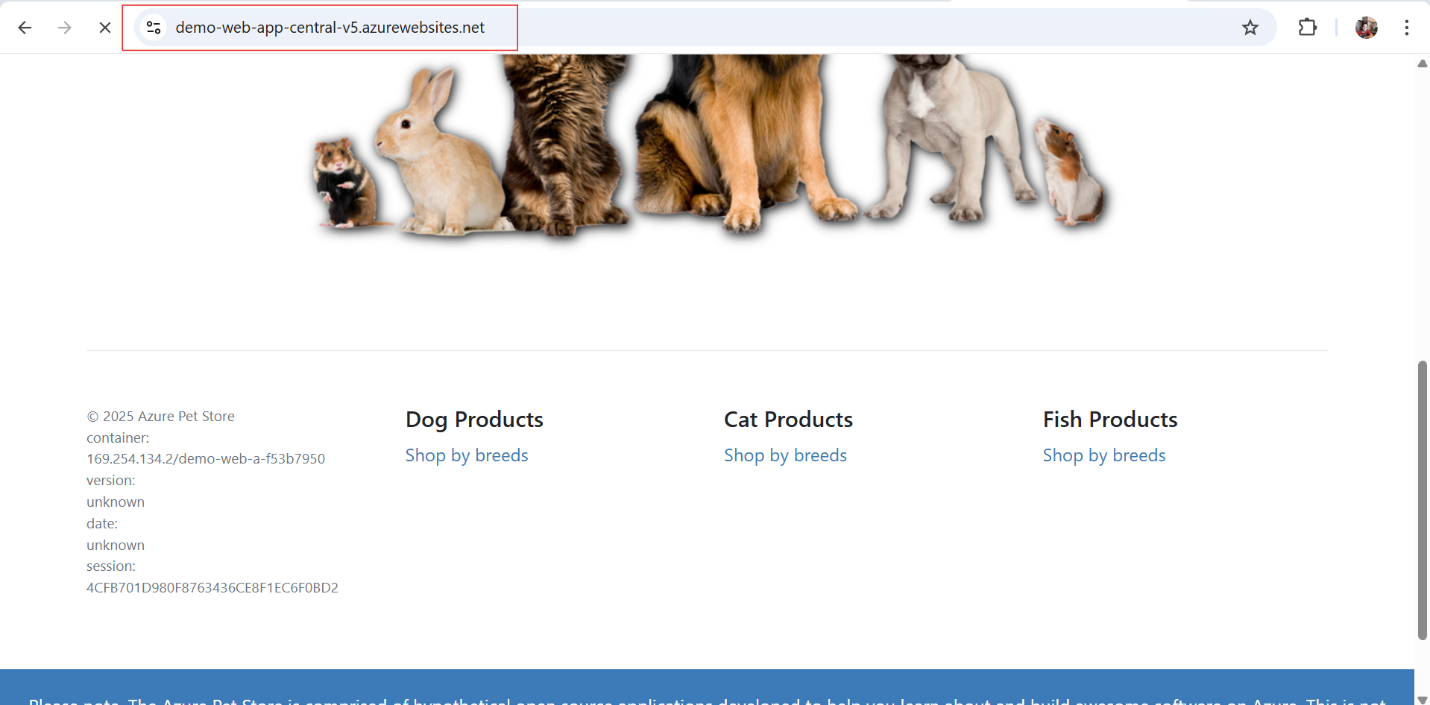


1. Introduce an Error in the Code
   * Screenshot of the code with the introduced error line.



1. Redeploy Service and Check Logs
   * Screenshots of the deployed PetStore services with the introduced error.





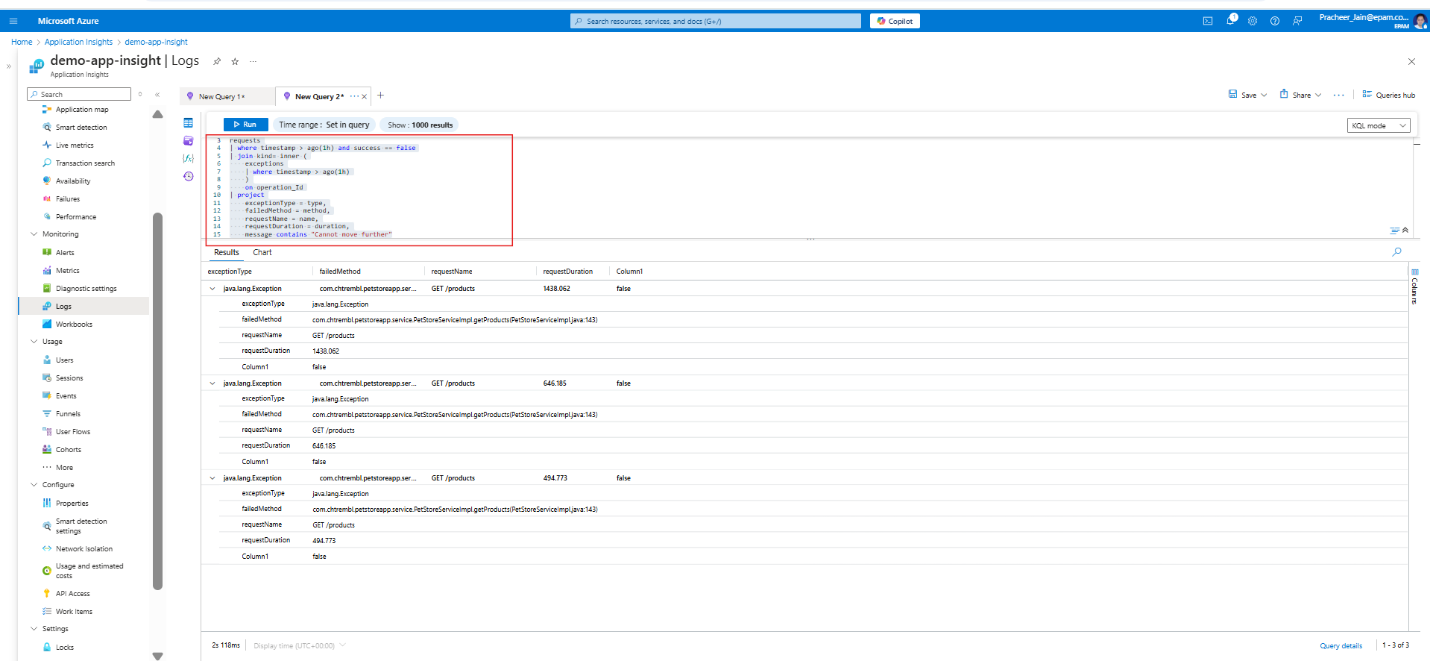
* + Screenshots of Application Insights displaying logs related to the error.

A screenshot of a computer

AI-generated content may be incorrect.

1. Use Kusto Query to Count Exceptions

* Screenshot of a Kusto query counting exceptions with specific error messages.



1. Examine Error in Detail

* Screenshot of the "Failures" tab in Application Insights displaying the stack trace of the error.

A screenshot of a computer

AI-generated content may be incorrect.