

# DevOps Monitoring and Feedback Loops

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## Task 1: Create Application Insight Telemetry

1. Open the solution in VS.
2. Add Application Insights to the solution.
  - Right click in the web project.
  - Click on **Add -> Application Insights Telemetry**.
3. In the new window, create new Application Insights resource.
  - Click on **Start Free**.
  - If asked, update the SDK.
    - Click on **Update SDK**.
  - Select the Account.
  - Select the subscription
  - Leave the default Resource that is going to be created.
  - Click on **Register**.
  - Click on **Finish**.
4. Back to the Application Insights Configuration window, click on **Collect traces from System.Diagnostics**.
  - Click on **Finish**.

## Task 2: Create Telemetry Data

1. Explore Telemetry from VS
  - Right click on the solution.
  - Click on **Build Solution**.
  - Click on **Debug -> Start Debugging** or press **F5**.
  - Change to VS.
  - Right click to the web project.
  - Click on **Application Insights -> Search Debug Telemetry**, it will open a new window.
  - Explore results.
2. Explore Telemetry from Azure portal.
  - Open Azure portal.
  - Click on **All Services**.
  - Click on **DevOps -> Application Insights**.
  - Explore reports.
3. Switch to VS and stop the debugging.