# Overall Prep

1. Start PointerFocus
2. Get external IP address. Update the following:
   1. aaa-receipts/aaa-sql-eastus firewall settings
3. Power up the RPi, connect LAN wires, see if I can connect to it
4. Open these browser windows:
   1. Azure portal
5. Open VS Code to a test json file for nice formatting/display of various outputs
6. Personalizer
   1. Azure portal: open personalizer/pzpersonalizer
      1. Model and learning settings – Clear data, top two checkboxes
   2. Open personalizer solution in Visual Studio
      1. Ensure endpoint and API key are correctly set
   3. Open cohort result files
7. Form Recognizer
   1. Open Azure Storage Explorer to receipts-in container
   2. Open Azure Data Studio and connect to receipts database
      1. Open and run SampleQueries.sql
   3. Open sample receipts folder
8. Predator Detection
   1. Open customvision.ai to projects
   2. Open Visual Studio solution
   3. Open previous results file
   4. Open Dockerfile exports

# Personalizer

* Azure portal: Review and discuss the Personalizer Configuration settings and what they mean
* Review the demo app
  + Settings – actions, contexts (users), users per cohort, pause
  + Processor – highlight code lines with breakpoints
  + Run it but note that it will take several minutes, so… continue and come back
* Review the previously generated cohort results files

# Form Recognizer

* Azure portal: open Azure Function app, ProcessReceipt function, show Logs tab.
* Drop a test receipt into the receipts-in container
* Watch function Logs
* Re-run SQL query to see new receipt analysis
* Show nice JSON in Azure Data Studio or VS Code

# Predator Detection

* Show customvision.ai portal
  + Dive into a project
  + Show training results (Performance)
* Go through code and run it (takes a minute or so)
* Look at results and compare some outputs to corresponding images
* SSH to RPi
* Show scripts
* Run the test-containers script
* Show results