

Sunday, 22 December 2024

03e-analyze-receipts

By MONISH NULE

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- Exploring Face Reconginition by Azure.
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- Face detection restricted on face model from azure.
- For more [<https://azure.microsoft.com/en-us/products/ai-services/ai-vision/>]
- Endpoints — [<https://azureai-mrg.cognitiveservices.azure.com/>]

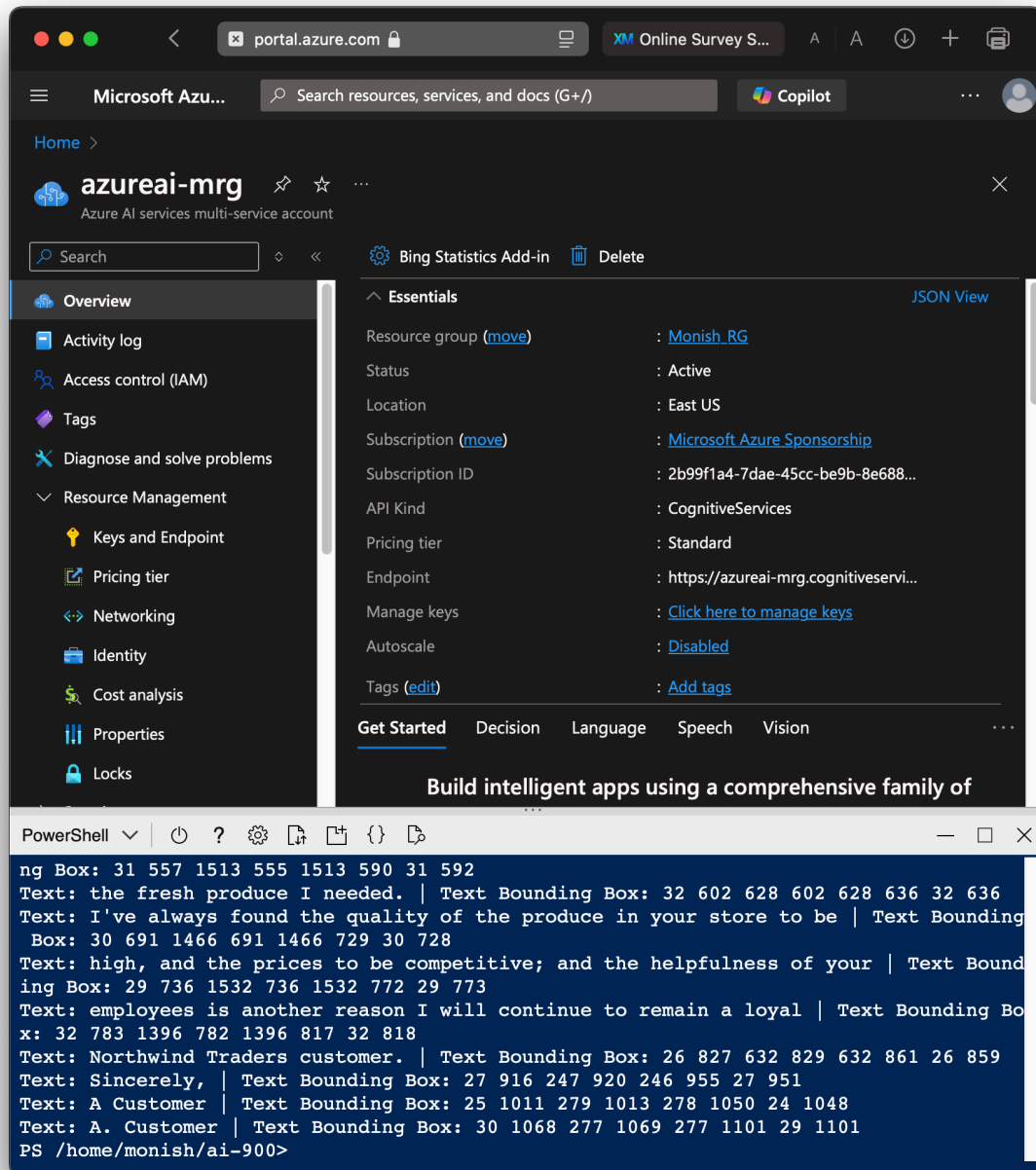
The screenshot displays the Azure portal interface. The top navigation bar shows the 'Microsoft Azure' logo and a search bar. The main content area is titled 'azureai-mrg' and shows the 'Overview' tab. The 'Essentials' section lists various properties of the resource group, including Resource group (Monish_RG), Status (Active), Location (East US), Subscription (Microsoft Azure Sponsorship), Subscription ID (2b99f1a4-7dae-45cc-be9b-8e688...), API Kind (CognitiveServices), Pricing tier (Standard), Endpoint (https://azureai-mrg.cognitiveservi...), Manage keys (Click here to manage keys), Autoscale (Disabled), and Tags (Add tags). Below this, there are tabs for 'Get Started', 'Decision', 'Language', 'Speech', and 'Vision'. A banner at the bottom of the portal says 'Build intelligent apps using a comprehensive family of'.

Below the portal, a PowerShell terminal window is open, showing the following commands and output:

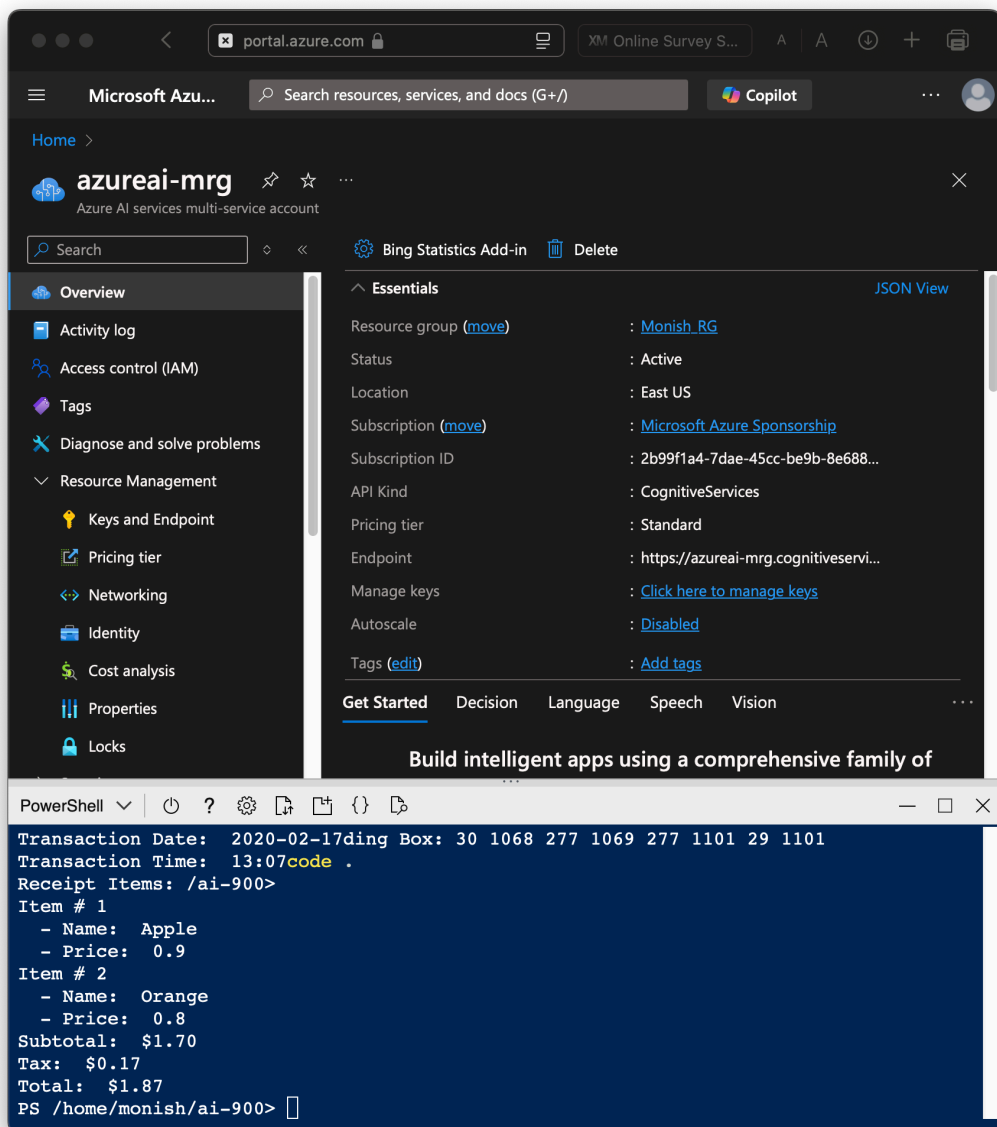
```
PS /home/monish> code .
PS /home/monish> cd ./ai-900/
PS /home/monish/ai-900> ./ocr.ps1 advert.jpg
Analyzing Image...

Getting results...
Text: Northwind Traders | Text Bounding Box: 80 65 1023 64 1024 164 80 165
Text: PIGE WINKER | Text Bounding Box: 1601 105 1674 62 1695 94 1621 138
Text: Fresh produce, | Text Bounding Box: 78 262 476 262 475 325 78 323
Text: IS | Text Bounding Box: 514 211 574 204 580 266 520 272
Text: friendly service | Text Bounding Box: 78 340 487 337 488 402 78 406
Text: Open 7 days a week | Text Bounding Box: 1160 1072 1705 1067 1706 1129 1161 1136
PS /home/monish/ai-900>
```

- Key
{ DXsmVUDUi19yOdaAqqJfry01LlzLWJqyldXldV1XJitPjabmmAnnJQQJ99ALACYeBjFXJ3w3AAAEACOGmZ7y }
- Tested my first image with ocr model
- Responded with text and bounding box coordinates where the text was embeded,



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- In this lab tested azure ai service and added api and endpoints to ocr model and test the model with images texts. Gives coorect output.
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- Added receipts endpoints for form recongniton.



Tested successfully.