

Sunday, 22 December 2024

## 03d-read-text-computer-vision

By MONISH NULE

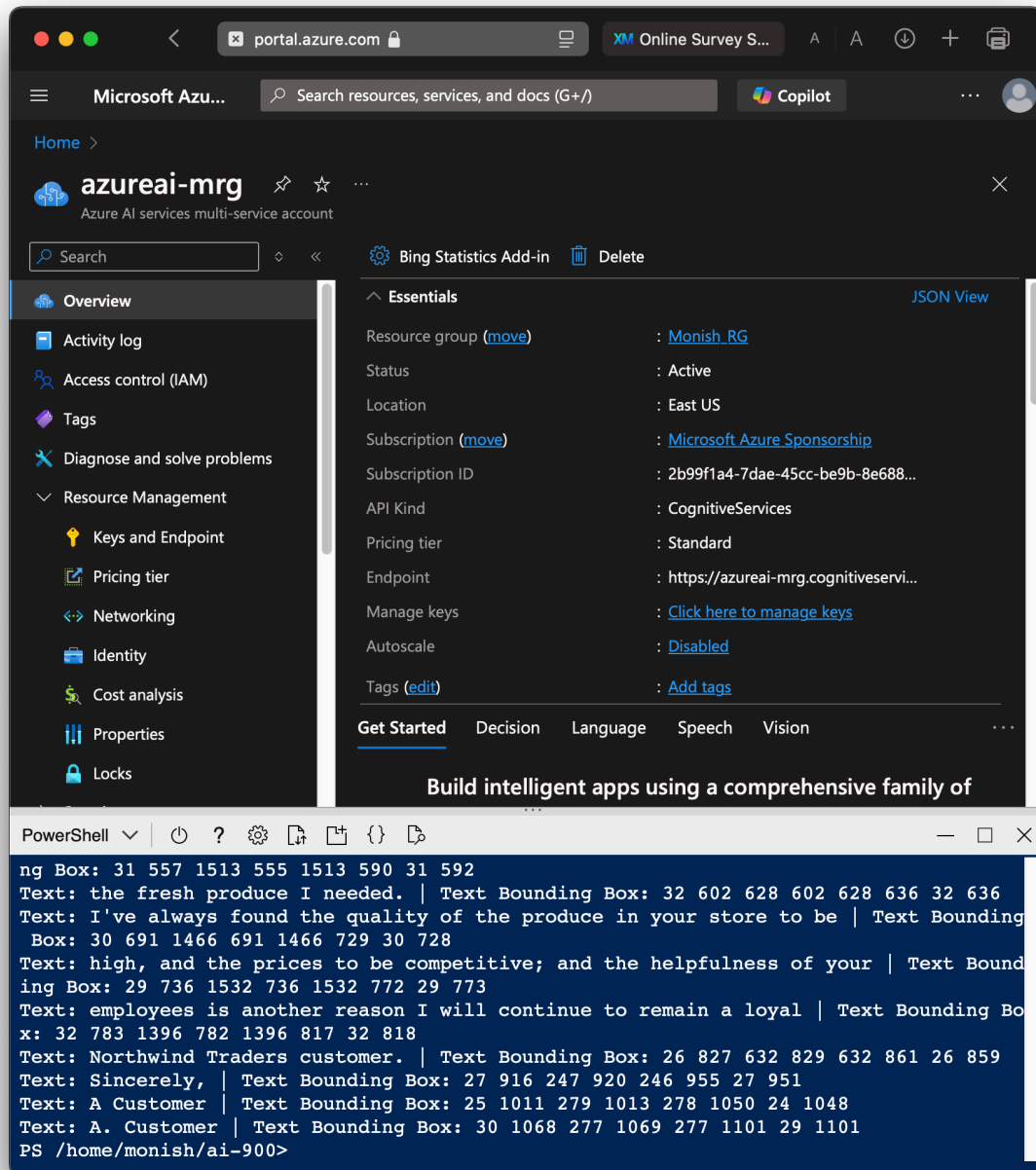
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- Exploring Face Reconginiton by Azure.
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- Face detection restricted on face model from azure.
- For more [ <https://azure.microsoft.com/en-us/products/ai-services/ai-vision/> ]
- Endpoints — [ <https://azureai-mrg.cognitiveservices.azure.com/>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

The screenshot displays the Azure portal interface for the 'azureai-mrg' multi-service account. The left sidebar shows the 'Overview' section selected, with a list of navigation options including Activity log, Access control (IAM), Tags, Diagnose and solve problems, Resource Management, Keys and Endpoint, Pricing tier, Networking, Identity, Cost analysis, Properties, and Locks. The main content area shows the 'Essentials' tab for the 'Monish\_RG' resource group, which is active in the 'East US' location. It lists various properties such as Subscription ID, API Kind (CognitiveServices), Pricing tier (Standard), Endpoint, and Tags. Below this, there are tabs for 'Get Started', 'Decision', 'Language', 'Speech', and 'Vision'. At the bottom of the portal, a banner reads 'Build intelligent apps using a comprehensive family of...'. Overlaid on the bottom of the portal is a PowerShell terminal window. The terminal shows 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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