M365 GURGAON

Powered by Microsoft 365 and Power Platform India User Group

Intro to AI with Azure and Office 365

By Jason Rivera

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About me

- Presales Solution Architect @ Anexinet
- Working with SharePoint since 2005
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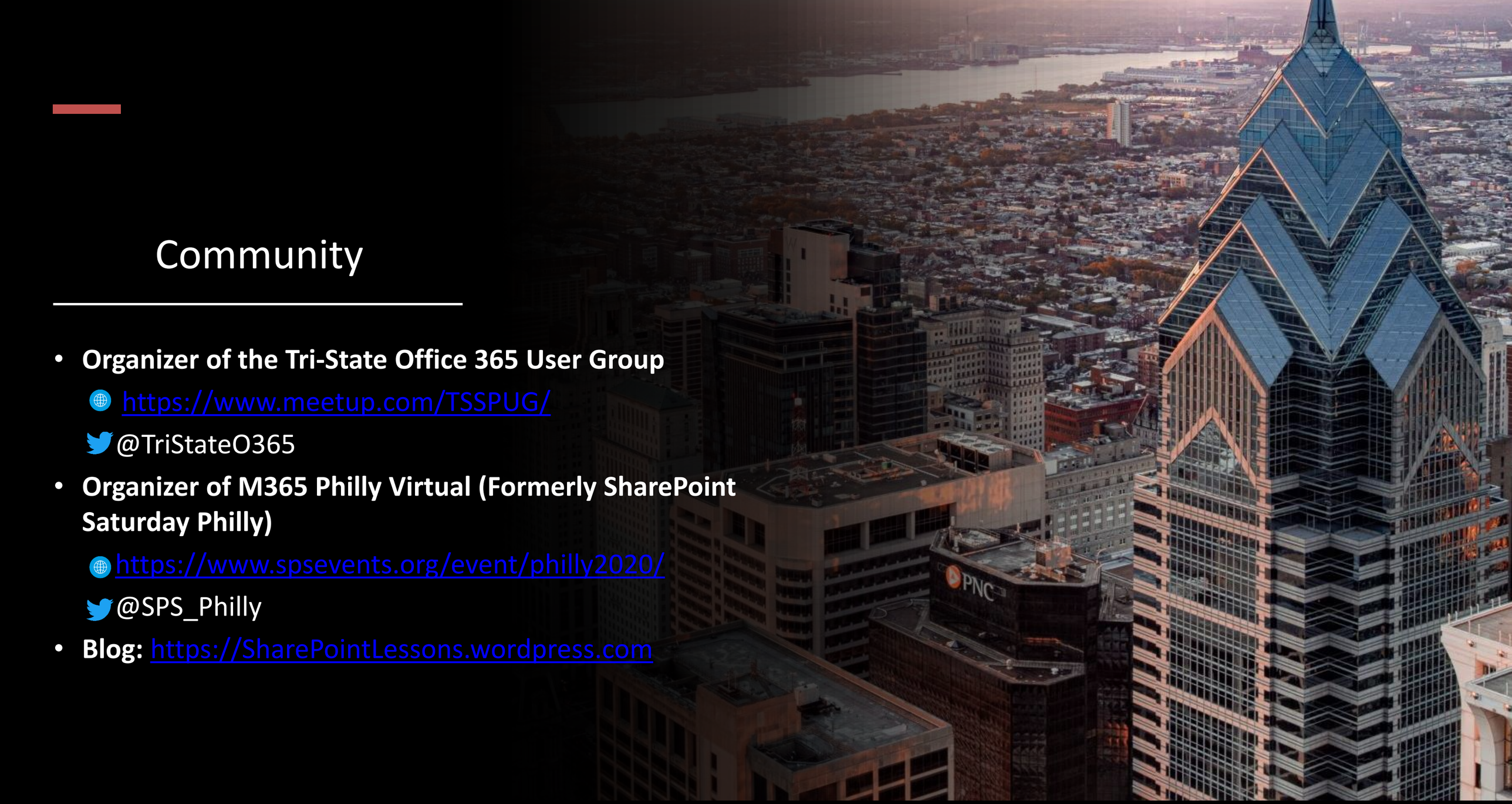
  - **LinkedIn:** https://www.linkedin.com/in/riverajason/

Community

- **Organizer of the Tri-State Office 365 User Group**
  - https://www.meetup.com/TSSPUG/
  - @TriStateO365
- **Organizer of M365 Philly Virtual (Formerly SharePoint Saturday Philly)**
  - https://www.spsevents.org/event/philly2020/
  - @SPS_Philly
- **Blog:** https://SharePointLessons.wordpress.com



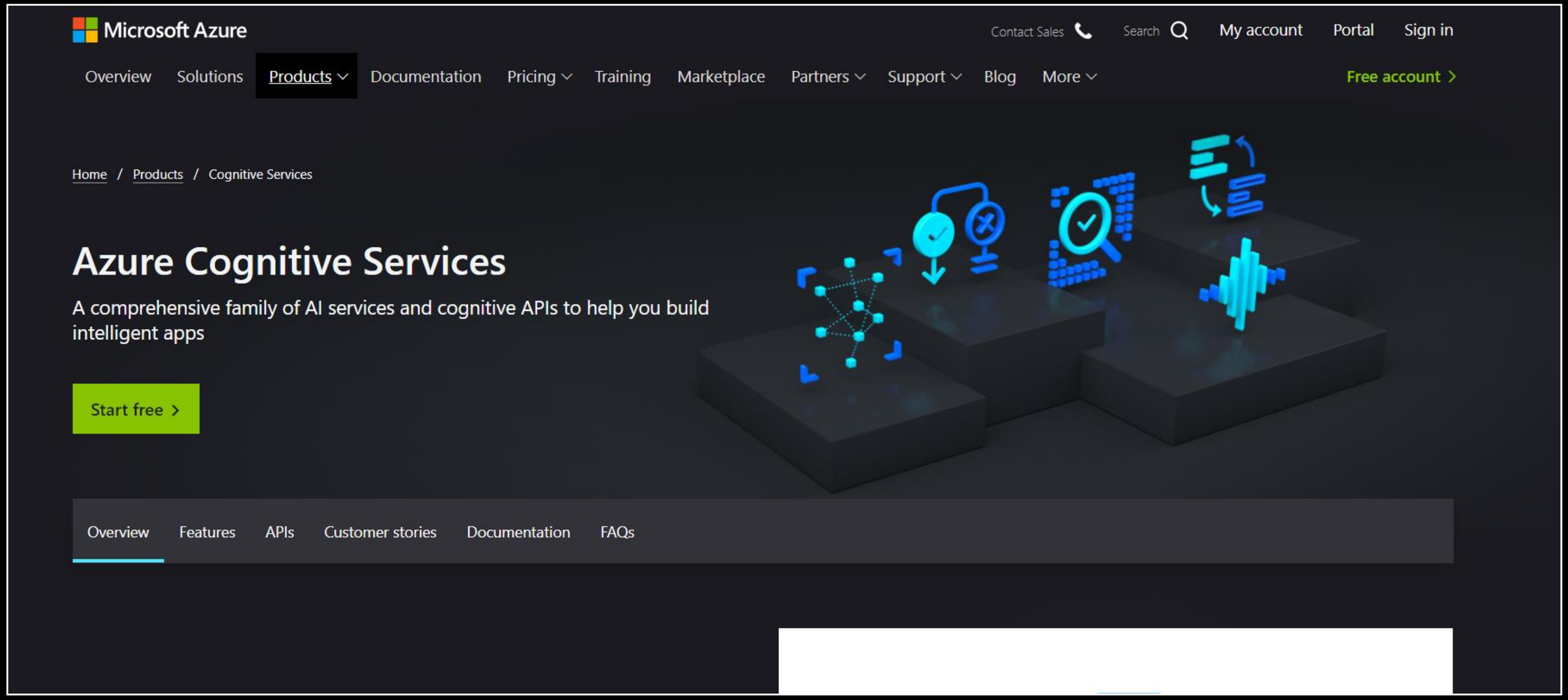
What We'll Cover

Overview of Azure Cognitive Services

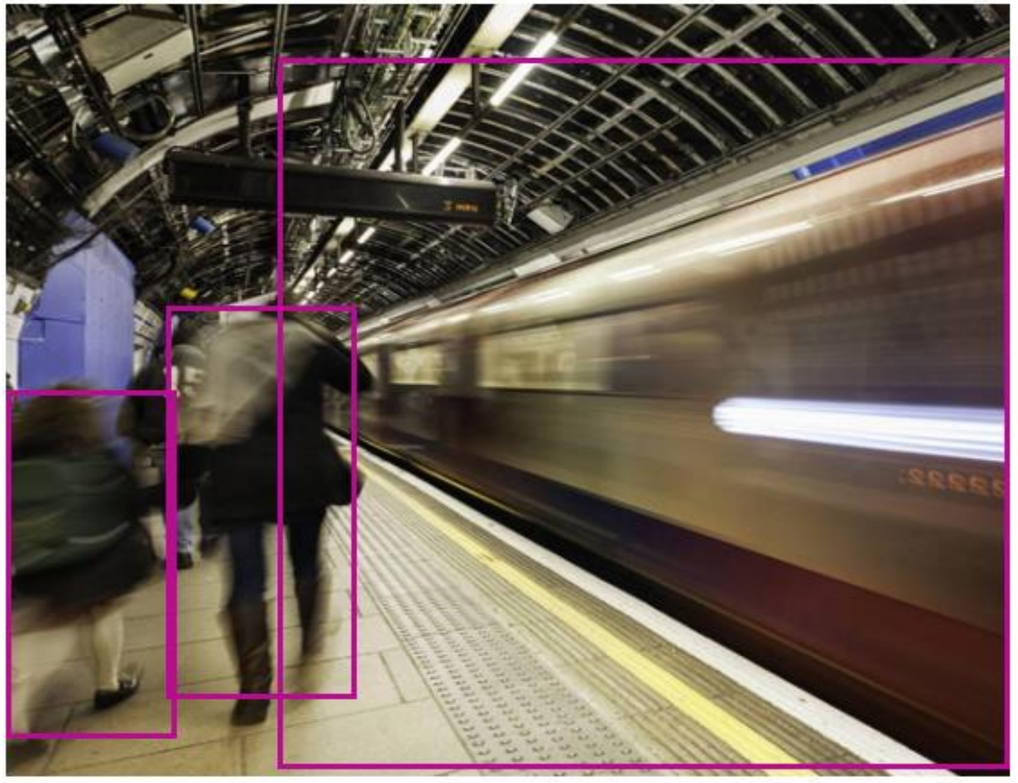
- Text Analytics
- Computer Vision
- Language Understanding

Power Virtual Agents and AI Builder

Review & Next Steps



AZURE COGNITIVE SERVICES



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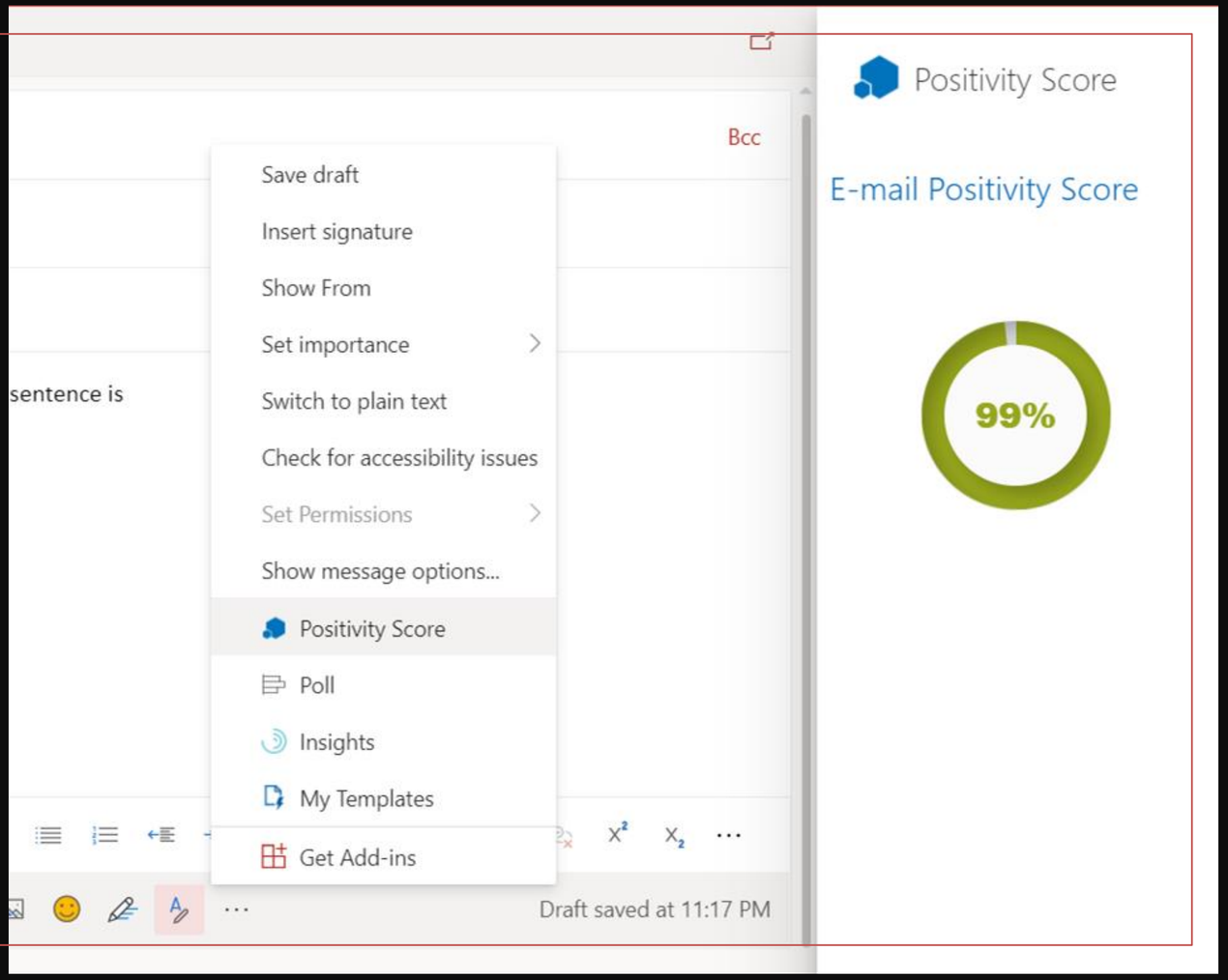
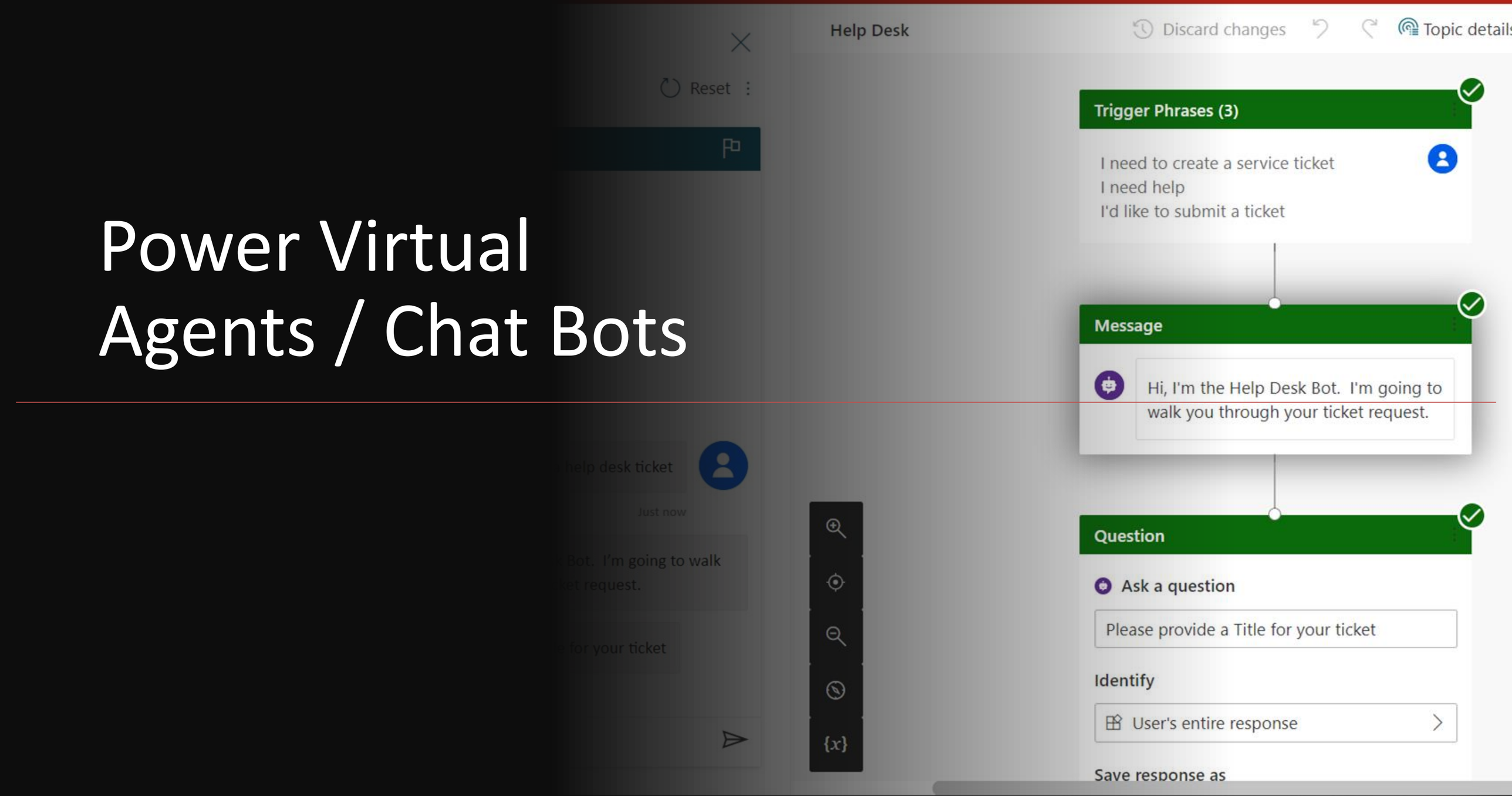
Text Analytics – Sentiment Analysis



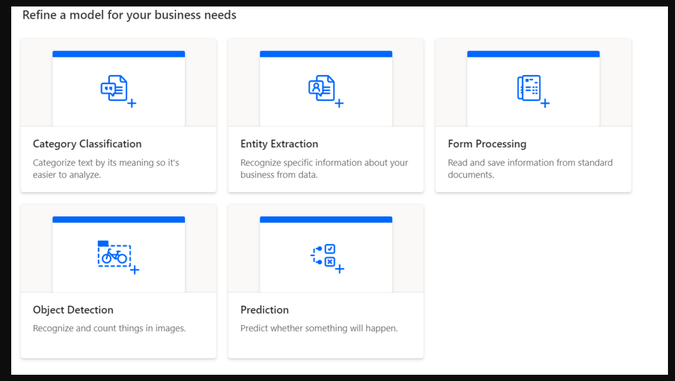
Computer Vision

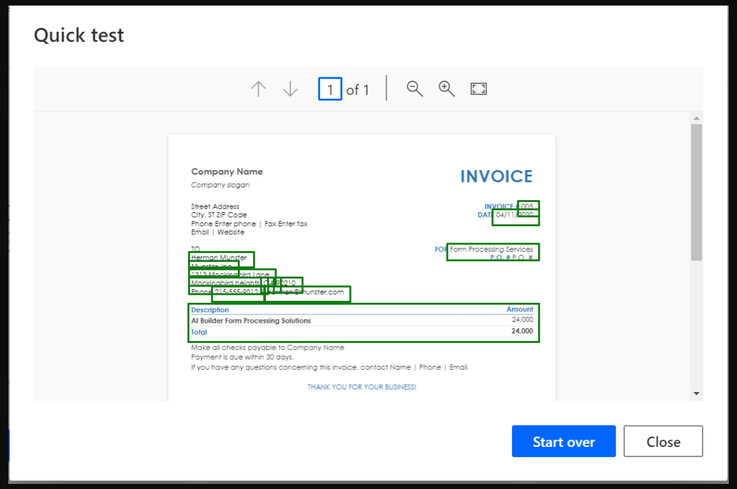
ross.jpg	A few seconds ago	Jason Rivera	Bob Ross standing in front of a mountain	["person","man","outdoor","front","standing","holding","wearing","posing","photo","looking","camera","smiling","mountain","shirt","large","old","table","field","river","eating","water"]

Power Virtual Agents / Chat Bots



AI Builder – Form Processor





Get straight to productivity

Business Card Reader

Automatically process business card information

Category Classification (preview)

Categorize text by its meaning so it's easier to analyze

Entity Extraction

Extract entities and the from text

Key Phrase Extraction

Extract the key talking points from text

Language Detection

Identify the language being used in text

Receipt Processing (preview)

Read and save informa from receipts

Sentiment Analysis

Analyze positive/negative sentiment in text

Text Recognition

Automatically process text from images

Text Translation (pr

Translate text into a ne language automaticall

For More Information

- Azure Cognitive Services
  - https://azure.microsoft.com/en-us/services/cognitive-services/#overview
- Microsoft Bot Framework
  - https://dev.botframework.com/
- Power Virtual Agents
  - https://powervirtualagents.microsoft.com/
- AI Builder
  - https://powerapps.microsoft.com/ai-builder/

Demos

- Outlook Add-In with Sentiment Analysis
  - https://sharepointlessons.wordpress.com/2018/05/21/creating-an-outlook-add-in-with-sentiment-analysis/
- Tagging and Captioning Images
  - https://sharepointlessons.wordpress.com/2018/11/12/automatically-tag-and-caption-images-in-sharepoint/
- Bonus: Sentiment Analysis on a Tweet
  - https://sharepointlessons.wordpress.com/2018/06/26/integrating-twitter-sharepoint-and-azure-sentiment-analysis-with-flow/

Questions?

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