

UniNapoli: Lectio 22 May

22 May 2020 event where we talk about Azure Cognitive Services and Computer Vision technologies.

Agenda

1. Presentation 🕒 14:30

- Who Am I
- Who Is Proge-Software

2. Introduction

- Azure
 - Core Concepts
 - Resource Group
 - Resource
 - Tags
 - CLI
- REST Architecture
 - REST over HTTP
 - Maturity Model
 - Hypertext as the Engine of Application State (HATEOAS)
- Azure Cognitive Services

3. Azure Cognitive Services 🕒 15:00

- What are Azure Cognitive Services
 - SDKs and API Specification
- **Vision APIs**
- Speech APIs
- **Language APIs**
- Search APIs
- **Decision APIs**

4. Telegram Bot with Go

- Go
 - Tour of Go
- Telebot
- Azure SDK for Go
 - Other Azure Go Packages
- Demo

5. Vision 🕒 15:30

- APIs
 - **Face**
 - Face Detection
 - Face Verification
 - Find similar faces
 - Face Grouping
 - Person identification
 - Containers

- **Computer Vision**
 - Analyze Images
 - Extract text from images
 - Moderate content in images
 - Use containers
- Custom Vision Service
- **Form Recognizer (preview)**
- Ink Recognizer (preview)
- Video Indexer

- Demo

6. Language 🕒 16:00

- APIs
 - **Text Analytics**
 - Sentiment Analysis
 - Key Phrase Extraction
 - Language Detection
 - Named Entity Recognition
 - Language Understanding (LUIS)
 - **Translator Text**

- Demo

7. Decision

- APIs
 - Anomaly Detector
 - Demo
 - Notebook
 - **Content Moderator**
 - Moderation APIs
 - Review APIs
 - Review tool
 - Personalizer
 - How does Personalizer select the best content item?
 - When to call Personalizer
 - How to design and implement Personalizer for your client application

- Demo

8. Q&A 🕒 16:30