AI Workshop
with IBM Cloud and AI Platform

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ISEN
ALL IS DIGITAL!
MÉDITERRANÉE

Agenda - Day One

Introduction

IBM Cloud & AI Introduction

- IBM Watson Studio

Computer Vision

What is Visual Recognition?

- Challenges and Use Cases

IBM Watson Visual Recognition

- Out-of-the-box tooling
- *Hands-on-lab:* Using Visual Recognition defaults models with out-of-the-box tools (30min)

Building Custom Models

- Custom Classifiers considerations
- *Hands-on-lab:* Creating a custom classifier with out-of-the-box tools (45min)

API, Development Tools and Application Integration Considerations

- *Hands-on-lab:* Using Visual Recognition APIs with command line (30min)
- *Hands-on-lab:* Creating and Retrain Custom Classifiers with APIs (30min)
- Introduction to Node-RED
- *Hands-on-lab:* Integrate Visual Recognition in your application with Node-RED (1h)
- *Hands-on-lab:* Create a mobile Visual Recognition application using Cordova (Android or iOS) (45min)
- *Hands-on-lab:* Create an augmented reality mobile Visual Recognition application using CoreML (iOS) (45min)

Conclusion

- Additional Visual Recognition technologies and extended considerations
- Wrap-up

Lab instructions & Presentations available @   http://ibm.biz/ISEN_Workshop

Useful Links & Resources

External

Getting Started:
Service Homepage
Feature Requests / Suggestions

Case Studies:
OmniEarth
Aerialtronics
BlueChasm
iTrend

Tutorials & Best Practices:
Training models with Watson Studio
Getting started with Watson + Core ML
Stacking Multiple Custom Models
Create a Calorie Counting App
Watson Visual Recognition & Twilio
Best Practices for Custom Models

Code Patterns:
Classify vehicle damage
Analyze industrial equipment for defects
Create an Android calorie-counter app

External continued

Books:
Redbook: Building Cognitive Application
using IBM Watson Services vol3 –
Watson Visual Recognition

Blogs:
IBM Watson on Medium

Internal

Slack Channel: #ibmvisual-recognition
Service Roadmap
IBMer key limit increase request form
ZACS portal
Digital Sales Play
Content Request & Feedback Form