

IBM Watson Visual Recognition Advance Workshop - Labs

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Lab1 - Using Visual Recognition with UI

Introduction

In these labs, we will train Watson Visual Recognition to detect that a customer's pizza is messed up (e.g. burned, toppings pushed to one side, cheese stuck to the box, etc.) versus a pizza that isn't.

You could imagine a Pizzeria using this for automatically sending a new pizza to customers that complained about a pizza delivery for example.

Discover Visual Recognition

- Create IBM Cloud Account
- Create Watson Studio project
- Create Visual Recognition Service
- Discover Visual Recognition tooling and out-of-the-box results

Lab2 - Creating Custom Classifier with UI

Discover how to create a custom classifier

- Create custom classifier with Watson Visual Recognition tooling
- Test the custom classifier
- Improve custom classifier with new images

Lab3 - Using Visual Recognition APIs with command line

Discover Visual Recognition APIs

- Classify an image by APIs
- Detect faces
- Using Food (beta)
- Privacy Consideration

Lab4 - Creating Custom Classifier APIs with command line

Train a model using APIs

- Creating a custom model
- Classify an image with a custom model
- Updating existing custom model
- Query list of custom model
- Deleting your custom model

Lab 5 : Integrate Visual Recognition in your application with Node-Red

Learn how to integrate easily Visual Recognition in your porotypes / projects with Node-RED

- Create a Node-RED instance
- Basic usage of the Visual Recognition Node
- Advance usage of the Visual Recognition Node
- Exercise : Create a flow with multiple Visual Recognition models
- Create a Web Application leveraging Visual Recognition

Lab 6 – Creating a mobile (Android or iOS) app using Visual recognition with Cordova

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Lab 7 - Creating an Offline Visual Recognition application with CoreML

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