Escuela de organización industrial

ZARA

SEARCH

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Zara Tech

Feb. 2020

Madrid

Introducción

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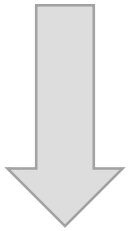
Tendencia de compra online

Buscar, filtrar y comprar

Base de datos para pronosticar ventas

Metodología

Sistema de clasificación basado en Redes Neuronales



Sistemas de Recomendación

Keras

```
model = ResNet50(weights='imagenet')

img_path = 'JEANS.jpg'
img = image.load_img(img_path, target_size=(224, 224))
x = image.img_to_array(img)
x = np.expand_dims(x, axis=0)
x = preprocess_input(x)

preds = model.predict(x)
print('Predicted:', decode_predictions(preds, top=3)[0])
```

```
Predicted: [('n03594734', 'jean', 0.80945915), ('n02808304', 'bath_towel', 0.0552259
3), ('n03877472', 'pajama', 0.03028701)]
```

```
model = ResNet50(weights='imagenet')

img_path = 'ABRIGO 2.jpg'
img = image.load_img(img_path, target_size=(224, 224))
x = image.img_to_array(img)
x = np.expand_dims(x, axis=0)
x = preprocess_input(x)

preds = model.predict(x)
print('Predicted:', decode_predictions(preds, top=3)[0])
```

```
Predicted: [('n03404251', 'fur_coat', 0.7052111), ('n04479046', 'trench_coat', 0.1282
3585), ('n03770439', 'miniskirt', 0.045553934)]
```

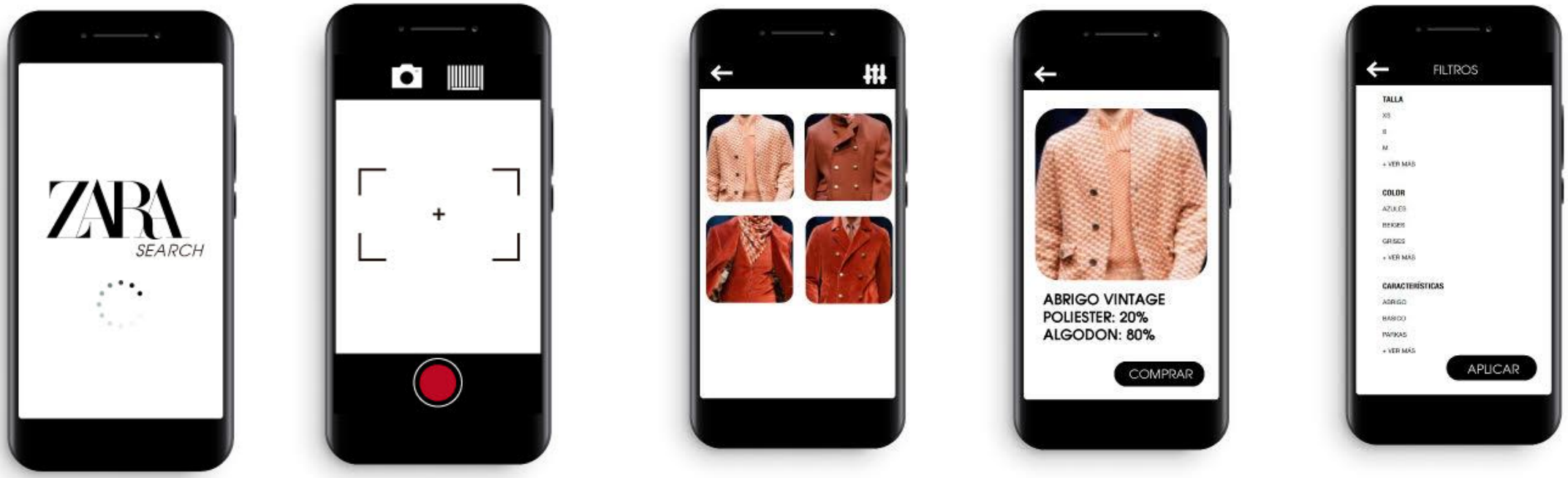
```
model = ResNet50(weights='imagenet')

img_path = 'TRENCH.jpg'
img = image.load_img(img_path, target_size=(224, 224))
x = image.img_to_array(img)
x = np.expand_dims(x, axis=0)
x = preprocess_input(x)

preds = model.predict(x)
print('Predicted:', decode_predictions(preds, top=3)[0])
```

```
Predicted: [('n04479046', 'trench_coat', 0.9753817), ('n04350905', 'suit', 0.01395792
6), ('n03404251', 'fur_coat', 0.0077237664)]
```

Metodología



Conclusiones y líneas futuras

Cuadro de mando para diseñadores

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Muchas gracias por su atención

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