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PRESENTACIÓN I INTELIGENCIA EMPRESARIAL

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Caso de estudio

Vamos a usar un 'dataset' extraído de **Kaggle** que recoge los datos de todos los restaurantes de alta cocina calificados con una (o más) Estrellas Michelin.

Los datos originales provienen de la web oficial:
<https://guide.michelin.com/th/en/restaurants>

name	blurb	michelin_award	city	country	lat	lon	image	chef	cuisine1
1131 - Abbaye de la Bussière	The exceptional setting of a former abbey is now the	ONE_STAR	La Bussière-sur-Ouche	France	472157221	47241758	https://axwwgrkdco.cloudimg.io/v7/mtp-cf-images.s3-eu-		Modern Cuisine
114, Faubourg	This chic brasserie within the premises of Le Bristol has	ONE_STAR	Paris	France	488717748	23142125	https://axwwgrkdco.cloudimg.io/v7/mtp-cf-images.s3-eu-	Loïc Dantec	Modern Cuisine
1741	This town house, built under the First Empire, faces the	ONE_STAR	Strasbourg	France	485806	77535777	https://axwwgrkdco.cloudimg.io/v7/mitp-p-001-delivery.s		Modern Cuisine
1912 - Les Cures Marines	Abutting the casino, the former spa facilities have been re	ONE_STAR	Trouville-sur-Mer	France	493662411	776574	https://axwwgrkdco.cloudimg.io/v7/mtp-cf-images.s3-eu-		Modern Cuisine
Abri	Following in the footsteps of the Japanese chefs who set	ONE_STAR	Paris	France	48877819	23492225	https://axwwgrkdco.cloudimg.io/v7/mitp-p-001-delivery.s	Katsuaki Okiyama	Modern Cuisine
Accents Table Bourse	This place close to the Bourse, run by a Japanese	ONE_STAR	Paris	France	488699134	23404253	https://axwwgrkdco.cloudimg.io/v7/mtp-cf-images.s3-eu-	Romain Mahi	Modern Cuisine
Agapé	Soft hues, a sculpture by Nathalie Decoster, and paintings	ONE_STAR	Paris	France	48885054	23070328	https://axwwgrkdco.cloudimg.io/v7/mtp-cf-images.s3-eu-	Benoît Dumas	Modern Cuisine
Alliance	Alliance brings together two alumni of the restaurant Aga	ONE_STAR	Paris	France	488500098	23532787	https://axwwgrkdco.cloudimg.io/v7/mtp-cf-images.s3-eu-	Toshitaka Omiya	Modern Cuisine
Ambroisie	Large bay windows looking out onto the lake, an intimate	ONE_STAR	Saint-Didier-de-la-Tour	France	45560381	54875038	https://axwwgrkdco.cloudimg.io/v7/mtp-cf-images.s3-eu-	André Taormina	Modern Cuisine
Apicius	Apicius is located in a sumptuous 18C private mansion tha	ONE_STAR	Paris	France	488732881	23072835	https://axwwgrkdco.cloudimg.io/v7/mitp-p-001-delivery.s	Mathieu Pacaud	Modern Cuisine
Apicius	In the heart of the city, upstairs at the Saint	ONE_STAR	Clermont-Ferrand	France	457794304	30827294	https://axwwgrkdco.cloudimg.io/v7/mtp-cf-images.s3-eu-	Arkadiusz Zuchmanski	Modern Cuisine
Aspic	This bistro is everything a bistro should be. It has	ONE_STAR	Paris	France	488791753	23436245	https://axwwgrkdco.cloudimg.io/v7/mtp-cf-images.s3-eu-	Quentin Giroud	Modern Cuisine
Au 14 Février	In the heart of this romantically named town, this resta	ONE_STAR	Saint-Valentin	France	469516902	18650344	https://axwwgrkdco.cloudimg.io/v7/mtp-cf-images.s3-eu-	Iku Negami	Modern Cuisine
Au Gourmet	The new owner-chef, formerly of Strasbourg's Crocodile, h	ONE_STAR	Drusenheim	France	48751779	79475461	https://axwwgrkdco.cloudimg.io/v7/mitp-p-001-delivery.s	Ludovic Klientz	Modern Cuisine
Au Souper Fin	The name of the restaurant doesn't lie, with the	ONE_STAR	Frichemesnil	France	496225595	11393488	https://axwwgrkdco.cloudimg.io/v7/mtp-cf-images.s3-eu-	Eric Buisset	Modern Cuisine
Auberge Frankembourg	This inn was founded at the start of the 20C	ONE_STAR	La Vancelle	France	482835117	73025827	https://axwwgrkdco.cloudimg.io/v7/mitp-p-001-delivery.s	Sébastien Buecher	Modern Cuisine
Auberge Pom'Poire	A great place tucked away among the pear and apple	ONE_STAR	Azay-le-Rideau	France	472830529	4450558	https://axwwgrkdco.cloudimg.io/v7/mtp-cf-images.s3-eu-	Bastien Gillet	Modern Cuisine

Objetivos

El objetivo principal del proyecto es la implementación de una aplicación de BI, con la cual podremos obtener información de utilidad en relación a dichos restaurantes; por ejemplo:

- Localizaciones con mayor cantidad de restaurantes de calidad
- Porcentaje de restaurantes con X Estrellas Michelin sobre el total
- Distribución por países
- Tipos de cocina más premiadas
- Obtención vía API REST de calificaciones de comensales (y otros datos que se puedan obtener...)
- Comparativa de puntuación 'Guía Michelin' frente a valoraciones reales de APIs externas (varios)

Software y datos

Principalmente → **Microsoft Power BI**

Por otra parte...

- APIs externas (posiblemente, TripAdvisor y/o WorldwideRestaurantsAPI, etc.)
- Postman (para la ejecución de APIs)
- Los datos extraídos de Kaggle, y las APIs de terceros disponibles en RapidAPI y ProgrammableWeb, entre otras.



¿Alguna pregunta?

Bibliografía / fuentes

- Kaggle (<https://www.kaggle.com/prasertk/michelinstar-restaurants>)
- Postman (<https://postman.com/>)
- APIs varias (<https://developer-tripadvisor.com/content-api>)