

# Project Osaka

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# What data will we use?

## Osaka's Top 500 Dining Spots - TripAdvisor

- Name
- Address
- Raw ranking
- Cuisine Category

We will use an excel file with these raw data.

# What is Project Osaka?

- Aimed to make a program that could process tabularized raw data similar to the pivot table from Microsoft Excel.
- The goal was to create a more intuitive program than that of the pivot table.
- Used C++.

# Filter Options

- **Vegan**
- **Vegetarian Friendly**
- **Gluten Free**
- **Food Category**
  - **Japanese**
  - **Korean**
  - **Bar etc.**

# Sort Data by

- Raw ranking
- Number of reviews

# Microsoft Excel Pivot Table

	A	B	C
1	rankingPosition	(Multiple Items)	
2			
3	Row Labels	Sum of rawRanking	Sum of numberOfReviews
4	Casareccio	3.367504835	30
5	Dotonbori Riverside Grill Wonder	4.113554478	69
6	Fukasezushi	3.361726999	38
7	Fukutaro Honten	4.102659702	286
8	GYOZAOH! Dotonbori Store	4.614104748	450
9	Gyukatsu Motomura Namba	4.693216801	392
10	Hiro Coffee Itami Inagawa	3.333571434	53
11	Hokuto GEMS Namba	4.732521057	539
12	Kanbukuro	3.918664932	174
13	Kashiwaya	3.304429531	30
14	Katsukura Osaka International Airport	3.523098707	133
15	Kuromon Sampei Kuromon Ichiba	3.724885702	132
16	Manje	3.324327469	62
17	Nikuhoshi	4.207324982	97
18	Pasticceria Delicius Mino Honten	3.402775288	56
19	Shirayuki Brewery Restaurant Chojukura	3.400675774	72
20	Tanto	3.294926167	44
21	Tempura no Yama	3.30466795	56
22	Yakiniku Douraku Sennichimae	3.885681868	71
23	Yakumido	4.779569149	173

PivotTable Fields

Choose fields to add to report:

☐ address

☒ rankingPosition

☒ rawRanking

☐ priceLevel

☒ numberOfReviews

Drag fields between areas below:

Filters

rankingPosition

Columns

Σ Values

Rows

name

Σ Values

Sum of rawRanking

Sum of numberOfReviews

☐ Defer Layout Update

Update

It is quite complex and less intuitive for beginners to use.

UI not really straightforward

Category



# Project Osaka 1.0

## Filter

- ☐ Vegan
- ☐ Vegetarian Friendly
- ☐ Gluten Free

## Sort by

-  Ranking
-  Number of Reviews





