

# Package ‘izmir’

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**Type** Package

**Title** R Wrapper for Izmir Municipality Open Data Portal

**Version** 0.1.0

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**Description**

Call the data wrappers for Izmir Metropolitan Municipality's Open Data Portal. This will return all datasets formatted as Excel files (.csv or .xlsx), as well as datasets that require an API key.

**License** MIT + file LICENSE

**URL** <https://github.com/ozancanozdemir/izmir>

**BugReports** <https://github.com/ozancanozdemir/izmir/issues>

**Depends** R (>= 3.4)

**Imports** dplyr, rvest, stringr, jsonlite, readr, openxlsx, utils,  
magrittr

**Suggests** testthat (>= 3.0.0), devtools, roxygen2, covr, usethis

**Encoding** UTF-8

**RoxygenNote** 7.2.3

**Config/testthat/edition** 3

**NeedsCompilation** no

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**Repository** CRAN

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encoding_data	<i>encoding_data</i>
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**Description**

this function returns a data frame where character columns are encoded as UTF-8. it is a helper function in `get_data_from_izmir`

**Usage**

```
encoding_data(data)
```

**Arguments**

data	A data frame obtained from <code>get_data_from_izmir</code>
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get_data_from_izmir	<i>get_data_from_izmir</i>
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**Description**

Given a data name, this function returns the data frame

**Usage**

```
get_data_from_izmir(data_name)
```

**Arguments**

data_name	A data set name obtained from <code>list_data_names()</code>
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**Value**

A data frame that shows the observations for given data name

**Examples**

```
#NOT RUN
## Not run:
# It is just an example.
get_data_from_izmir("asik-veysel-rekreasyon-alani-buz-pisti-kullanici-verileri")

## End(Not run)
```

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`list_data_names`      *list\_data\_names*

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**Description**

list the name of the data sets available in Izmir Open Data Portal

**Usage**

`list_data_names()`

**Value**

A character vector that shows the name of the data set

**Examples**

`list_data_names()`

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`search_data_by_keyword`  
*search\_data\_by\_keyword*

---

**Description**

Given a key word, this function returns the dataset names including key word

**Usage**

`search_data_by_keyword(key_word)`

**Arguments**

`key_word`      A data set name which is a character object

**Value**

A character vector object that shows the name of the datasets including key word

**Examples**

`search_data_by_keyword("doktor")`

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