

# Package ‘altadata’

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**Type** Package

**Title** API Wrapper for Altadata.io

**Version** 0.1.1

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**Description** Functions for interacting directly with the 'ALTADATA' API. With this R package, developers can build applications around the 'ALTADATA' API without having to deal with accessing and managing requests and responses. 'ALTADATA' is a curated data marketplace for more information go to <<https://www.altadata.io>>.

**Imports** httr (>= 0.6.1), jsonlite (>= 0.9.14)

**Suggests** testthat (>= 0.10.0), roxygen2

**Depends** R (>= 2.15.0)

**License** MIT + file LICENSE

**URL** <https://github.com/altabering/altadata-r>

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.1.1

**NeedsCompilation** no

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**Repository** CRAN

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aldata.api_key	<i>Set ALTADATA API key</i>
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### Description

Set ALTADATA API key

### Usage

```
aldata.api_key(api_key)
```

### Arguments

api\_key            Optionally passed parameter to set Altadata api\_key.

### Value

Returns invisibly the currently set api\_key.

### Examples

```
## Not run:
  aldata.api_key('foobar')

## End(Not run)
```

---

altadata.condition\_in *In condition by given column and value list*

---

**Description**

In condition by given column and value list

**Usage**

```
altadata.condition_in(condition_column, condition_value)
```

**Arguments**

```
condition_column  
                column to which the condition will be applied  
condition_value  
                value to use with condition
```

**Value**

Nothing just set the in condition parameters

**Examples**

```
## Not run:  
altadata.condition_in("province_state", c("Utah", "Alabama"))  
  
## End(Not run)
```

---

altadata.condition\_not\_in  
*Not in condition by given column and value list*

---

**Description**

Not in condition by given column and value list

**Usage**

```
altadata.condition_not_in(condition_column, condition_value)
```

**Arguments**

```
condition_column  
                column to which the condition will be applied  
condition_value  
                value to use with condition
```

**Value**

Nothing just set the not in condition parameters

**Examples**

```
## Not run:  
altadata.condition_not_in("province_state", c("Utah", "Alabama"))  
  
## End(Not run)
```

---

altadata.equal	<i>Equal condition by given column and value in the retrieve data process</i>
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---

**Description**

Equal condition by given column and value in the retrieve data process

**Usage**

```
altadata.equal(condition_column, condition_value)
```

**Arguments**

```
condition_column  
                column to which the condition will be applied  
condition_value  
                value to use with condition
```

**Value**

Nothing just set the equal condition parameters

**Examples**

```
## Not run:  
altadata.equal("province_state", "Alabama")  
  
## End(Not run)
```

---

altadata.get\_data      *Initialize retrieve data process*

---

**Description**

Initialize retrieve data process

**Usage**

```
altadata.get_data(product_code, limit)
```

**Arguments**

product_code	data product code
limit	number of rows you want to retrieve

**Value**

Nothing just set the initial parameters

**Examples**

```
## Not run:  
altadata.get_data("co_10_jhucs_03", limit = 50)  
  
## End(Not run)
```

---

altadata.get\_header      *Get data header as a vector*

---

**Description**

Get data header as a vector

**Usage**

```
altadata.get_header(product_code)
```

**Arguments**

product_code	data product code
--------------	-------------------

**Value**

vector object

**Examples**

```
## Not run:  
  aldatata.api_key('YOUR_API_KEY')  
  altadata.get_header("co_10_jhucs_03")  
  
## End(Not run)
```

---

altadata.greater\_than *Greater than condition by given column and value*

---

**Description**

Greater than condition by given column and value

**Usage**

```
altadata.greater_than(condition_column, condition_value)
```

**Arguments**

```
condition_column  
                column to which the condition will be applied  
condition_value  
                value to use with condition
```

**Value**

Nothing just set the greater than condition parameters

**Examples**

```
## Not run:  
  altadata.greater_than("mortality_rate", 2)  
  
## End(Not run)
```

---

altadata.greater\_than\_equal  
*Greater than equal condition by given column and value*

---

**Description**

Greater than equal condition by given column and value

**Usage**

```
altadata.greater_than_equal(condition_column, condition_value)
```

**Arguments**

condition\_column  
column to which the condition will be applied

condition\_value  
value to use with condition

**Value**

Nothing just set the greater than equal condition parameters

**Examples**

```
## Not run:  
altadata.greater_than_equal("mortality_rate", 3)  
  
## End(Not run)
```

---

altadata.less\_than *Less than condition by given column and value*

---

**Description**

Less than condition by given column and value

**Usage**

```
altadata.less_than(condition_column, condition_value)
```

**Arguments**

condition\_column  
column to which the condition will be applied

condition\_value  
value to use with condition

**Value**

Nothing just set the less than condition parameters

**Examples**

```
## Not run:  
altadata.less_than("mortality_rate", 2)  
  
## End(Not run)
```

---

```
altadata.less_than_equal
```

*Less than equal condition by given column and value*

---

**Description**

Less than equal condition by given column and value

**Usage**

```
altadata.less_than_equal(condition_column, condition_value)
```

**Arguments**

```
condition_column  
                column to which the condition will be applied  
  
condition_value  
                value to use with condition
```

**Value**

Nothing just set the less than equal condition parameters

**Examples**

```
## Not run:  
altadata.less_than_equal("mortality_rate", 3)  
  
## End(Not run)
```



---

altadata.list\_subscription  
*Get customer subscription info*

---

**Description**

Get customer subscription info

**Usage**

```
altadata.list_subscription()
```

**Value**

dataframe object

**Examples**

```
## Not run:  
altadata.list_subscription()  
  
## End(Not run)
```

---

altadata.load *Fetch data with configurations given before*

---

**Description**

Fetch data with configurations given before

**Usage**

```
altadata.load()
```

**Value**

dataframe object

**Examples**

```
## Not run:  
aldata.api_key('YOUR_API_KEY')  
altadata.get_data("co_10_jhucs_03", limit = 50)  
altadata.load()  
  
## End(Not run)
```



**Value**

Nothing just set the select parameters

**Examples**

```
## Not run:  
altadata.select(c("reported_date", "province_state", "mortality_rate"))  
  
## End(Not run)
```

---

altadata.sort	<i>Sort data by given column and method in the retrieve data process</i>
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---

**Description**

Sort data by given column and method in the retrieve data process

**Usage**

```
altadata.sort(order_column, order_method = "asc")
```

**Arguments**

order\_column    column to which the order is applied  
order\_method    sorting method. Possible values: asc or desc

**Value**

Nothing just set the sort parameters

**Examples**

```
## Not run:  
altadata.sort("province_state", order_method = "desc")  
  
## End(Not run)
```

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