Filtering and Sorting

Data Format

```
data = [row1, row2, …, rowN]
```

Data Format

```
data = [row1, row2, …, rowN]
```



```
{
   Name: “John Doe”,
   Age: 25
}
```

Filter

```
data = [row1, row2, …, rowN]
```

JS API | *array*.filter

Syntax:

```
array.filter(func)
```

Example

```
data.filter(function(client) {
    return client.age < 25
})
```

Sorting

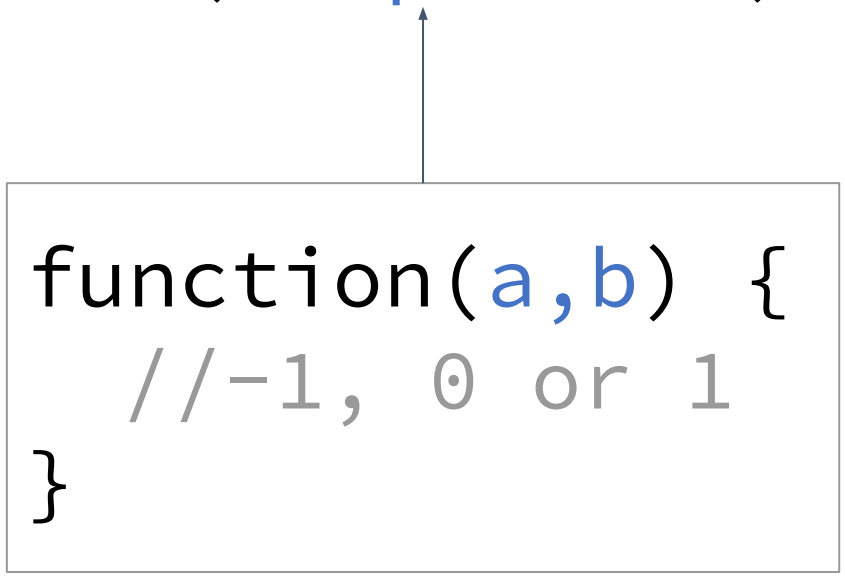
```
data = [row1, row2, …, rowN]
```

order by age

JS API | *array*.sort

Syntax:

```
array.sort(comparator)
```



API | *d3*.ascending
d3.descending

Syntax:

```
array.sort(d3.ascending)
```

API | *d3*.ascending
d3.descending

Syntax:

```
array.sort(d3.ascending)
```

```
array.sort(function(a,b){
    return d3.descending(a,b)
})
```

Example

```
data.sort(function(c1, c2) {
  return d3.ascending(
      c1.age,
      c2.age
  )
})
```

Example

```
data.sort(function(c1, c2) {
  return d3.ascending(
    c1.age,
    c2.age
  )
})
```

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Native JavaScript Functions

D3 helpers