

## Crypto Recommendation API

- localhost:8080/statistics/
- Get without parameters or variable.
- Returns oldest/newest/min/max for each crypto for the whole month.

output:

```
{
  "cryptoStatisticsDTOs": [
    {
      "oldest": {
        "name": "BTC",
        "timestamp": "2022-01-01T06:00:00",
        "price": 46813.21
      },
      ...
    }
  ]
}
...
"errorMessage":null
}
```

- localhost:8080/statistics/BTC
- Get with variable a crypto name.
- Returns the oldest/newest/min/max values for a requested crypto.

output:

```
{
  "cryptoStatisticsDTOs": [
    {
      "oldest": {
        "name": "BTC",
        "timestamp": "2022-01-01T06:00:00",
        "price": 46813.21
      },
      ...
    }
  ]
}
...
"errorMessage":null
}
```

- localhost:8080/normalized-range/
- Get without parameters or variables.
- Returns a descending sorted list of all the cryptos, comparing the normalized range (max-min)/min.

```
{
  "errorMessage": null,
  "normalizedRangeCryptos": [
    {
      "cryptoName": "ETH",
      "normalizedRange": 0.638381011
    },
    ...
  ]
}
```

- localhost:8080/normalized-range/2022-01-05
- Get with variable selected date.
- Returns the crypto with the highest normalized range for a specific day.

```
{
  "errorMessage": null,
  "normalizedRangeCryptos": [
    {
      "cryptoName": "DOGE",
      "normalizedRange": 0.061913696
    }
  ]
}
```