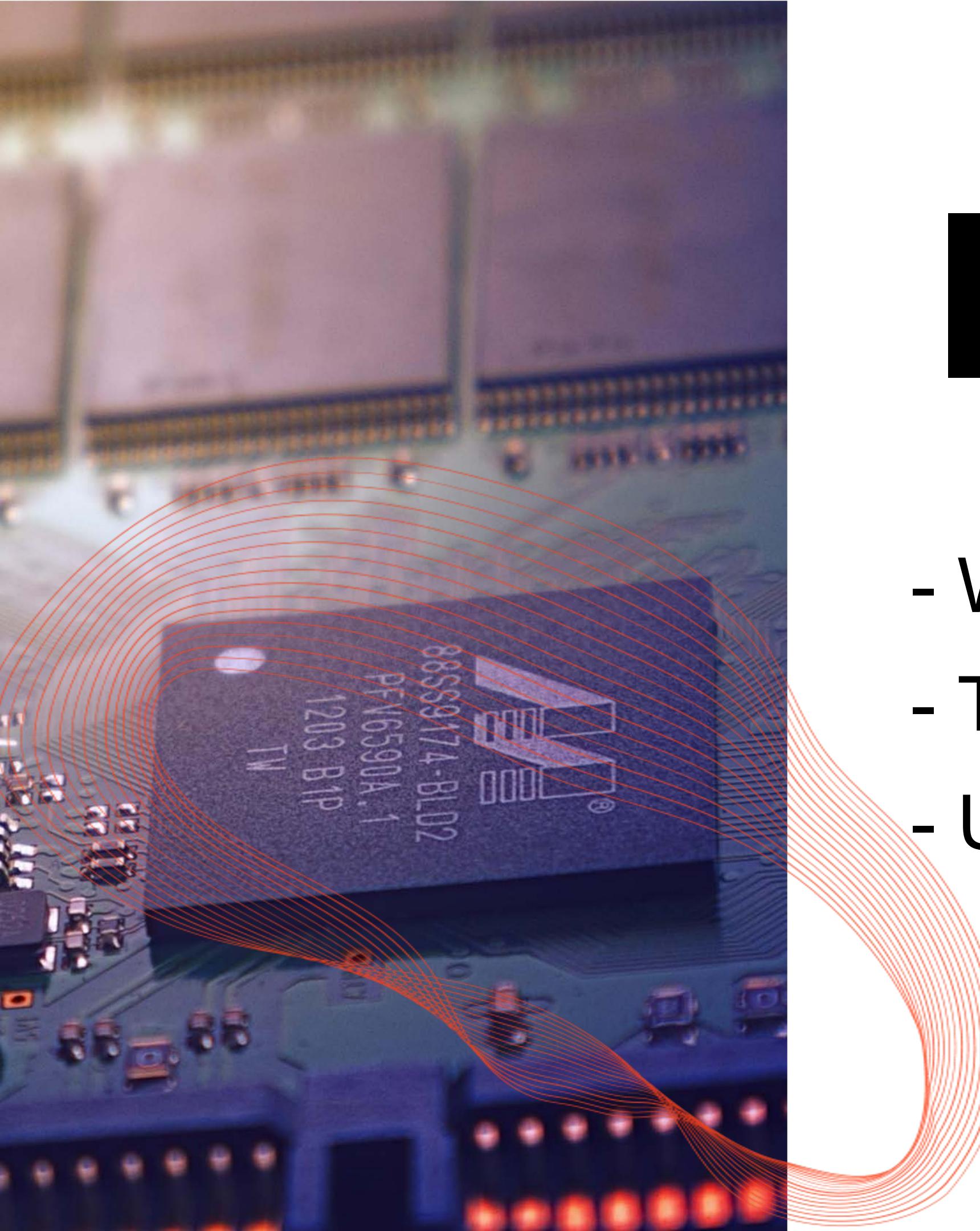


What is time series ?

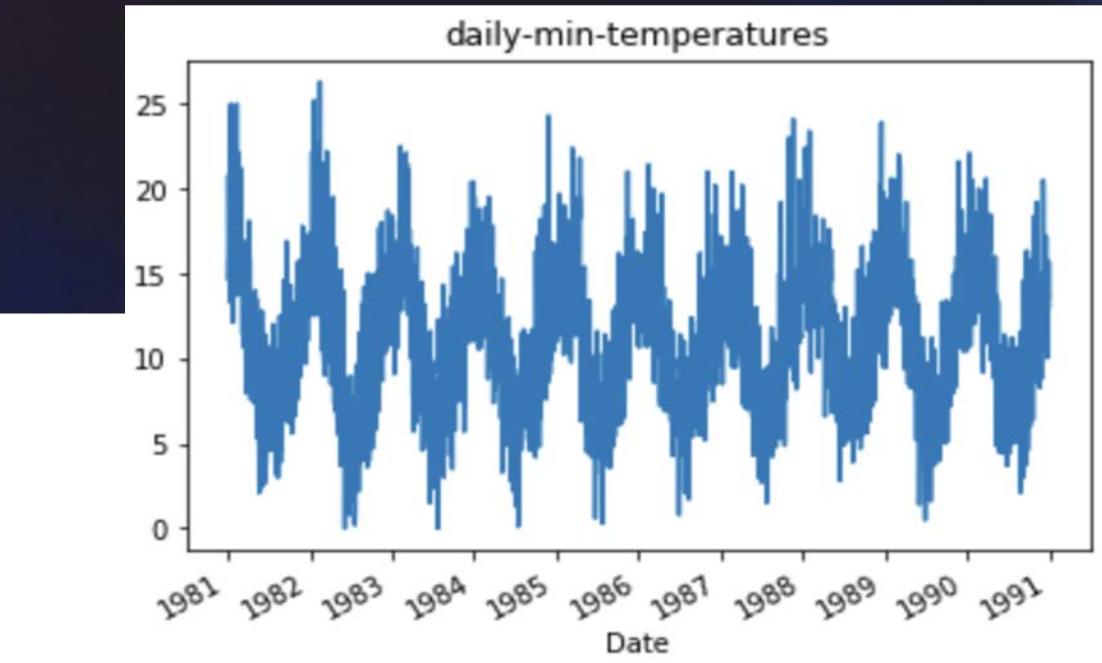
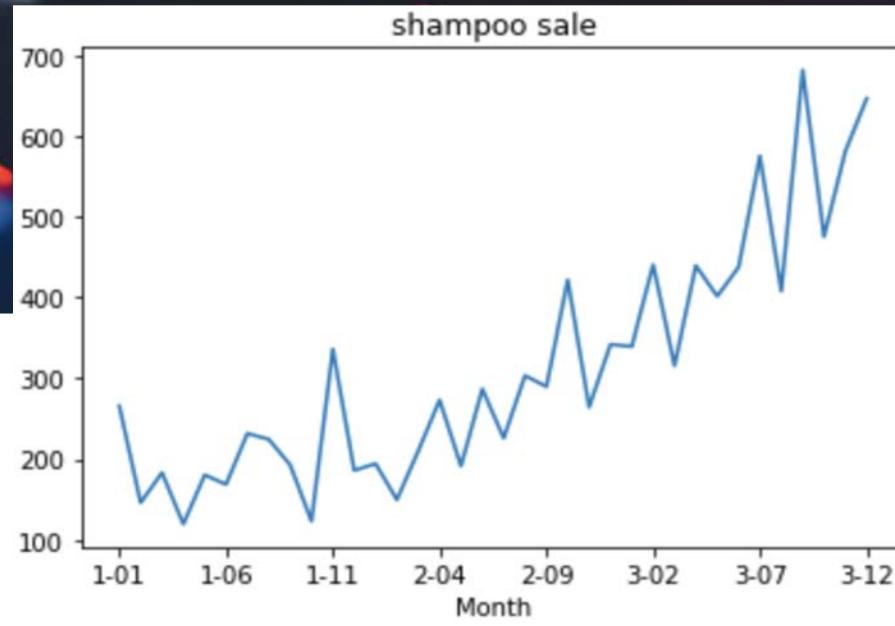




Intro

- What is time series ?
- Time series examples
- Use cases

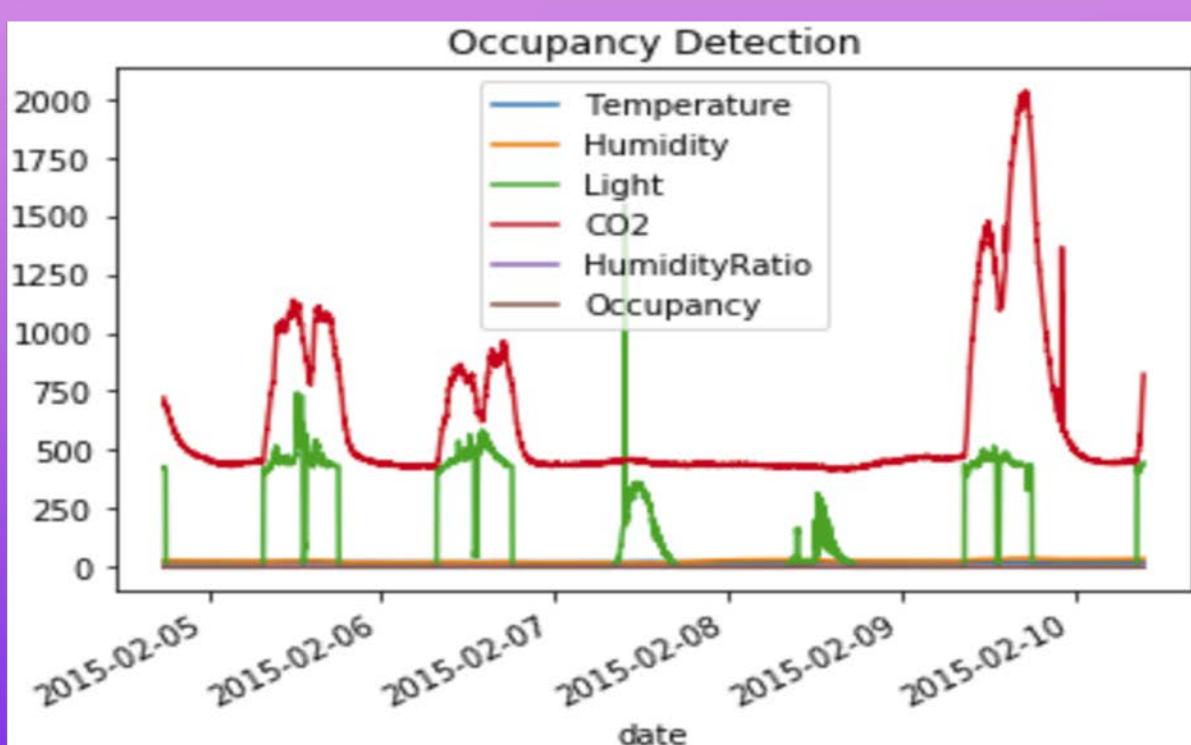
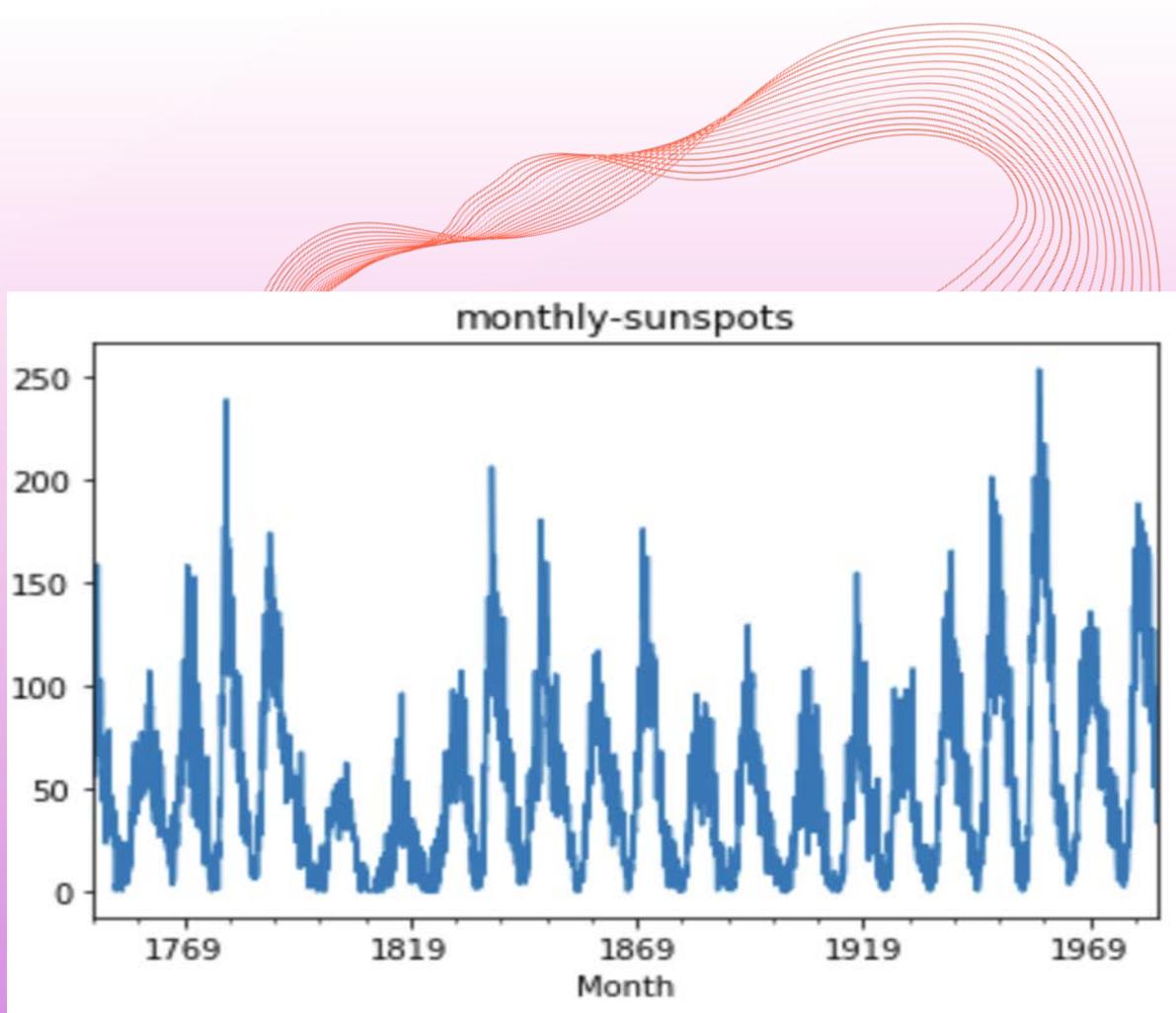
Example of time series



Time series data

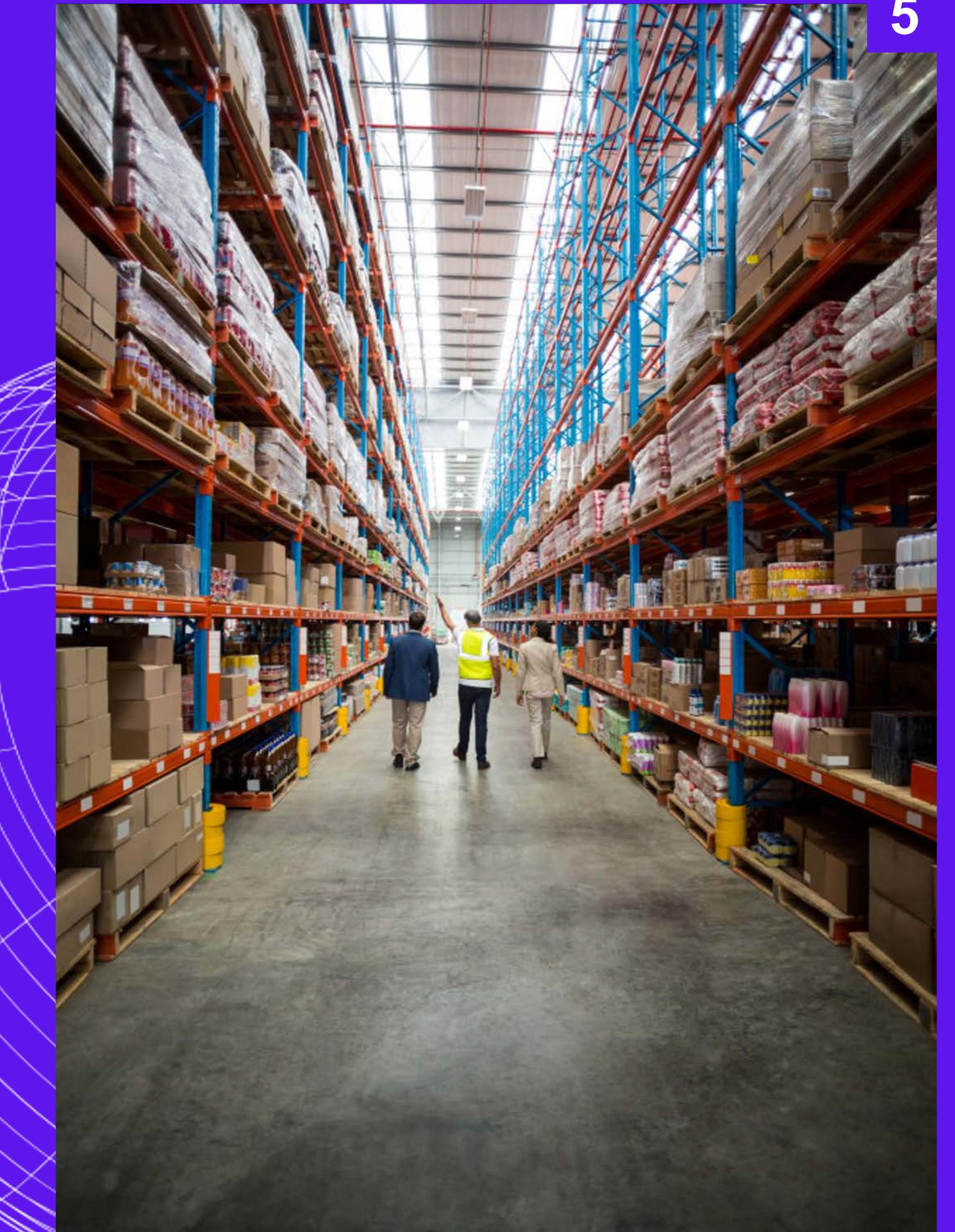
- Time series data
 - A collection of data observations obtained through repeated measurements over time.

- Characteristics
 - Time indexed
 - Equally spaced in time
- Types of time series data
 - Univariate vs Multivariate
 - Stationary vs Non-stationary



Use cases

- prediction
- stock market price, air quality, demand
- monitoring and detecting anomalies
- surge in views, malicious attacks, defective parts
- planning
- Economic/financial projection



Conclusion



```
: yield(:title).presence 6 "#  
meta_tags %>
```

```
link href="https://fonts.googleapis.com/
```

```
stylesheet_link_tag 'application/
```

```
stylesheet_link_tag "https://cdnjs.c
```

```
stylesheet_link_tag "https://unpkg.co/
```

```
stylesheet_link_tag "https://gitcdn.l
```

```
avascript_include_tag 'application/
```

```
avascript_include_tag "https://unpkg.co/
```

```
avascript_include_tag "https://unpkg.co/
```

```
avascript_include_tag "https://unpkg.co/
```

```
HTML5 Shim and Respond.js IE8
```

```
. WARNING: Respond.js doesn't work
```

```
-[if lt IE 9]> <script src="http://
```

```
ad> margin-top-lg">
```

```
key, msg |
```