

example
An Interesting and Cool Title
Some Equally Interesting Buzzwords to Entice The Reader
Information about the author

1. Header

Lorem ipsum dolor sit amet, consectetur **bold text** adipiscing elit. Vestibulum vel elit justo. Sed elementum malesuada gravida. Nulla tempor maximus condimentum. Tincidunt vitae placerat in, sollicitudin at velit. Donec eu nunc id justo semper faucibus *italic text*.

1.1. Sub-Header

Donec consectetur tellus ac ipsum fermentum, ac sagittis quam viverra. Etiam dictum, nisi a maximus fermentum, tellus leo maximus purus, nec pulvinar velit ligula ut dui. Quisque semper, ligula ac dapibus pharetra, felis nunc molestie arcu, eu egestas tellus enim quis eros. Integer hendrerit fermentum elit, at luctus nibh auctor in. Interdum et malesuada fames ac ante ipsum primis in faucibus.

Some fancy equation with a reference number:

$$\hat{x}_i = \frac{x_i - \mu}{\sqrt{\sigma^2 + \epsilon}} \tag{1}$$

Which was created using this code within a math block:

```
\hat{x}_i = \frac{x_i - \mu}{\sqrt{\sigma^2 + \epsilon}}
\tag{1}
```

1.2. Another Sub-Header

Pellentesque eu semper ante, ac mollis sem. Nam nisl velit, eleifend ac rutrum et, gravida non leo. Quisque efficitur euismod diam, et luctus sem pellentesque non. Ut ante lorem, eleifend quis hendrerit porta, molestie et risus.

Here is some inline code: `def func(a,b): return a+b` .

1.2.1. Sub-Sub-header

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum vel elit justo. Sed elementum malesuada gravida. Nulla tempor maximus condimentum. Donec ex nibh, tincidunt vitae placerat in, sollicitudin at velit. Donec eu nunc id justo semper faucibus.

Here is an invisible vertical separator, which acts as a page-break:

Non-numbered Header

Lorem ipsum dolor sit amet, consectetur elit. Vestibulum vel elit justo. Sed elementum malesuada gravida. Nulla tempor maximus condimentum. Donec ex nibh, tincidunt vitae placerat in, sollicitudin at velit.

2. Another Header

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum vel elit justo. Sed elementum malesuada gravida. Nulla tempor maximus condimentum. Donec ex nibh, tincidunt vitae placerat in, sollicitudin at velit. Donec eu nunc id justo semper faucibus. Here is a table:

Some	thing	cool	in	a	table	like	this
1	2	3	4	5	6	7	8
2							
3							

Fig. 1: Some caption describing this table.

2.1. Sub-Header

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum vel elit justo. Sed elementum malesuada gravida. Nulla tempor maximus condimentum. Donec ex nibh, tincidunt vitae placerat in, sollicitudin at velit. Donec eu nunc id justo semper faucibus. Here is a figure:

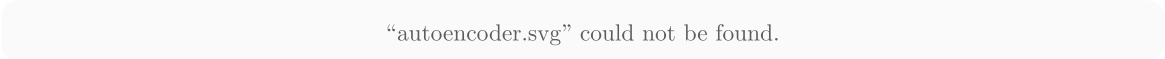


Fig. 2: Some caption describing this figure.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum vel elit justo. Sed elementum malesuada gravida. Nulla tempor maximus condimentum. Donec ex nibh, tincidunt vitae placerat in, sollicitudin at velit. Donec eu nunc id justo semper faucibus. This is some code:

```
-----
class Some_Dataset(Dataset):
    def __init__(self):
        """ Construct the dataset. """
        self.df = read_csv("../...csv") # Panda DataFrame.
        self.path = "../..."          # Path to data.
-----
```

Nulla tempor maximus condimentum. Donec ex nibh, tincidunt vitae placerat in, sollicitudin at velit. Donec eu nunc id justo semper faucibus. Another page-break.

Pellentesque eu semper ante, ac mollis sem. Nam nisl velit, eleifend ac rutrum et, gravida non leo. Quisque efficitur euismod diam, et luctus sem pellentesque non. Ut ante lorem, eleifend quis hendrerit porta, molestie et risus.

Here is an ordered list:

1. Some item.
2. Another.
 1. A sub-item. Quisque efficitur euismod diam, et luctus sem pellentesque non. Ut ante lorem, eleifend quis hendrerit porta, molestie et risus.
 1. Sub-sub-item.
 2. Even more items.
3. Last item.

Quisque efficitur euismod diam, et luctus sem pellentesque non. Ut ante lorem, eleifend quis hendrerit porta, molestie et risus.

And here is some unordered bullet points:

- Like this.
- And another.
 - You get it. Quisque efficitur euismod diam, et luctus sem pellentesque non. Ut ante lorem, eleifend quis hendrerit porta, molestie et risus.
 - I'm sure.
 - Right?
- Yeah.