



# Main-Title

Sub-Title

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A tagline for the report.

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# Contents

<b>1</b>	<b>Markdown</b>	<b>3</b>
1.1	General	3
1.2	References and Citations	3
1.3	Todo notes	3
<b>2</b>	<b>Images and Figures</b>	<b>4</b>
<b>3</b>	<b>Tables (with pandas)</b>	<b>7</b>
<b>4</b>	<b>Equations (with ipython or sympy)</b>	<b>8</b>
<b>5</b>	<b>References</b>	<b>9</b>

# 1 Markdown

## 1.1 General

Some markdown text.

A list:

- something
- something else

A numbered list

1. something
2. something else

## 1.2 References and Citations

References to fig. 2.1, table 3.1 and eq. 4.2.

Referencing multiple items: figs. 2.1 to 2.3.

A latex citation.<sup>[1]</sup>

A html citation.<sup>[2]</sup>

## 1.3 Todo notes

remember something to add

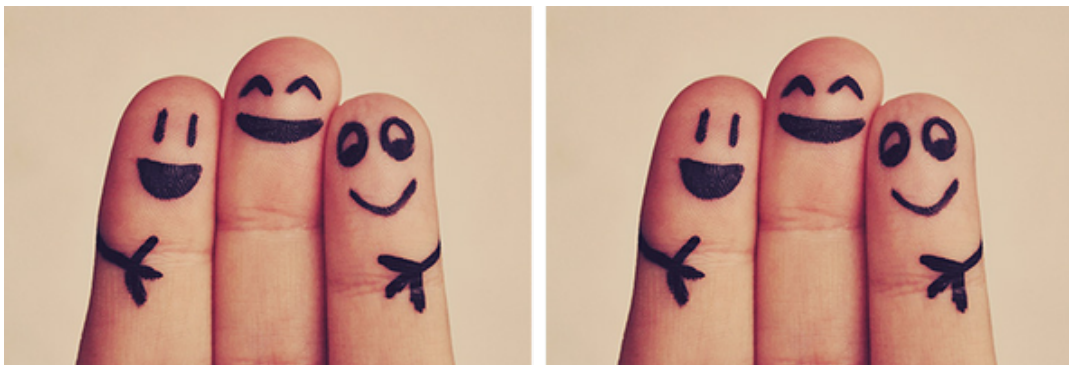
Some text.

a comment

## 2 Images and Figures



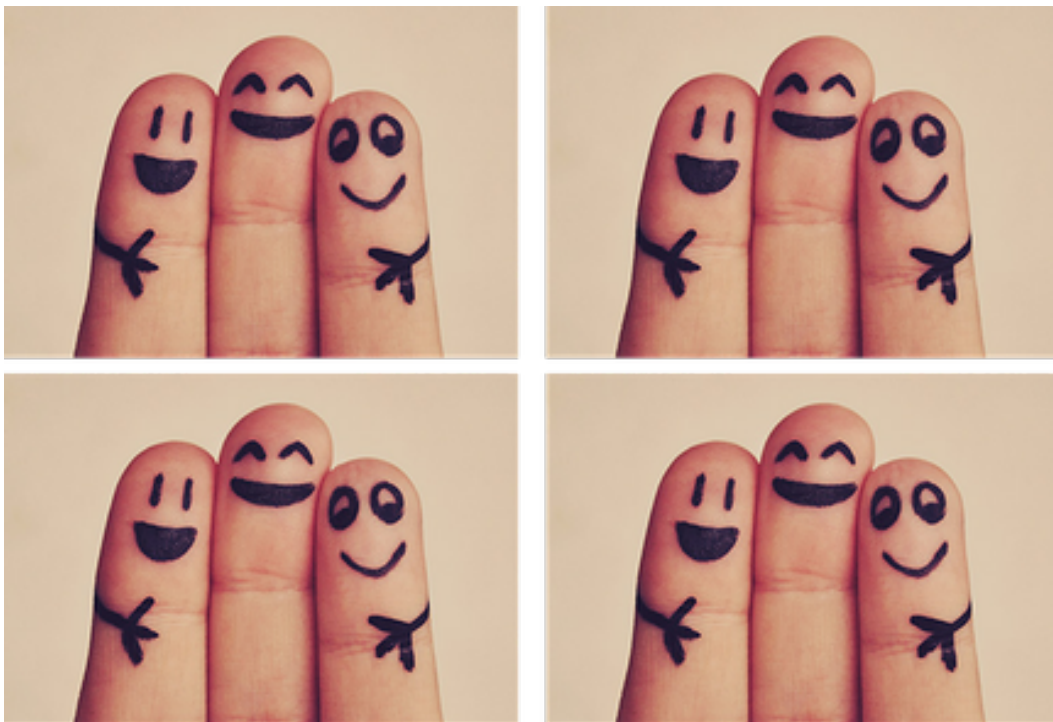
*Figure 2.1:* A nice picture.



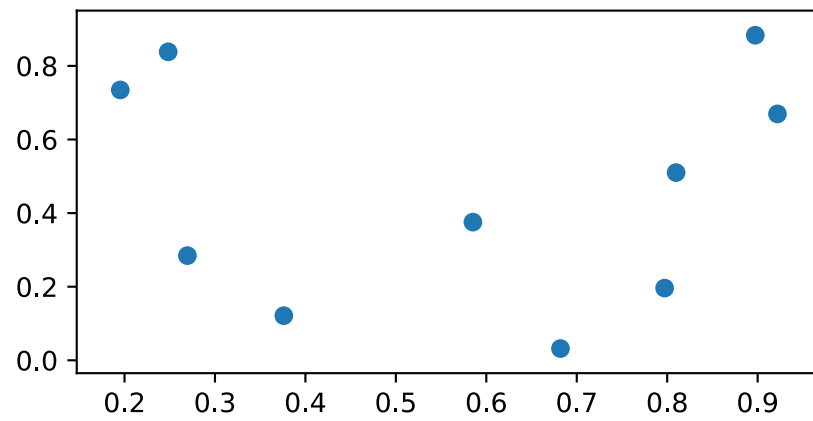
*Figure 2.2:* Horizontally aligned images.



*Figure 2.3:* Vertically aligned images.



*Figure 2.4:* Images aligned in a grid.



*Figure 2.5:* A matplotlib figure.

### 3 Tables (with pandas)

*Table 3.1:* An example of a table created with pandas dataframe.

	a	b	c	d
0	$\delta$	l	0.996	0.924
1	x	m	0.205	0.444
2	y	n	0.872	0.111

## 4 Equations (with ipython or sympy)

$$a = b + c \tag{4.1}$$

$$\left(\sqrt{5}i\right)^{\alpha}\left(\frac{1}{2}-\frac{2i}{5}\sqrt{5}\right)+\left(-\sqrt{5}i\right)^{\alpha}\left(\frac{1}{2}+\frac{2i}{5}\sqrt{5}\right) \tag{4.2}$$



## 5 References

- [1] T. Yu Zelenyak, Kh T. Kholmurodov, A. R. Tameev, A. V. Vannikov, and P. P. Gladyshev. Molecular dynamics study of perovskite structures with modified interatomic interaction potentials. 50(5): 400–405. ISSN 0018-1439, 1608-3148. doi:[10.1134/S0018143916050209](https://doi.org/10.1134/S0018143916050209).
- [2] Alec Kirkeminde and Shenqiang Ren. Thermodynamic control of iron pyrite nanocrystal synthesis with high photoactivity and stability. 1(1):49–54. ISSN 2050-7496. doi:[10.1039/C2TA00498D](https://doi.org/10.1039/C2TA00498D).