measurement

```
1001001
1010100
1011010
0100011
```
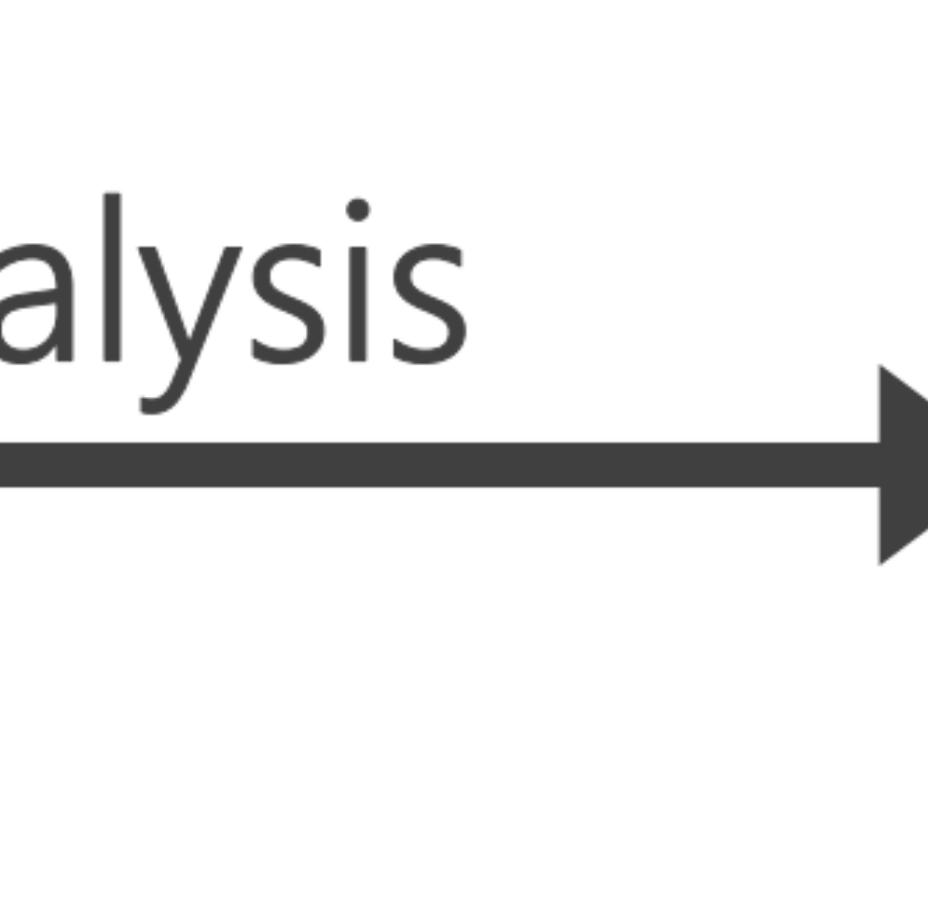
analysis