

H2 Naming Conventions

Data Type

It will be the relation for the data - Current Supported => AND, IDENTITY, NOT, RANDOM, XOR.

Number of Qubits

H3

This is the number of total bits in the system including the output qubit.

Looks like : `_#Bits_`

How many data points

H3

Last Number is the number of DataPoints.

Looks like: `#samples`

Version or Notes

H3

After the sample number if more information is needed simply add it here.

Examples

H3

```
AND_3Bits_5samples
OR_3Bits_10samples
IDENTITY_10Bits_10000samples
AND_3Bits_5samples_ByHand
```

H4

Current Data Table

H3

Name	Notes
OR_3Bits_5samples	There is atleast 1 of each possibility in the data. 4 out of 5 results result in a 1 output.
XOR_3Bits_5samples	There is atleast 1 of each possibility in the data. 3 out of 5 results result in a 1 output.
AND_3Bits_5samples	There is atleast 1 of each possibility in the data. 2 out of 5 results result in a 1 output.
IDENTITY_2Bits_5samples	There is atleast 1 of each possibility in the data. 3 out of 5 results result in a 1 output.
NOT_2Bits_5samples	There is atleast 1 of each possibility in the data. 3 out of 5 results result in a 1 output.