



- The data owners and the program owner submit their data/program to the enclave after encrypting it.
- Enclave garbles the data/circuit and delivers the garbled circuit/data to the program owner who will evaluate it.
- The program owner sends the encrypted garbled output to the enclave which decodes the garbled output and encrypts it again.
- The Enclave sends the encrypted output to the data owners to decrypt it.

Case 2

- The data owners encrypt their input and send it to the enclave's parent.
- The enclave's parent passes the encrypted data into the enclave.
- The enclave also receives the circuit from the program owner (enclave's parent)
- Since both data and program(circuit) are in the enclave, it performs the evaluation and obtains an output.
- The output is encrypted and then sent to the data owners so that only they can learn the output and not the program owner.

Case 1

Each Entity Sees **NOTHING**
Other Than Its Own Data/Program