**Binding:**

It is a way to connect the data of a function to the required service.

* It acts as a bridge between data and service and manages all the connections.
* The data in a function acts as in input bindings and service acts as an output binding.
* A function can have zero to many benefits for the management of data.
* Trigger is special type of input binding which also acts as initialiser of function.
* Bindings are defined or created in JSON format and are present in same folder in which function code is.
* Bindings can be of two types:

1. Input binding
2. Output binding

**Input Binding:**

The input binding is used for creating input data connection between service and the application deployed on cloud.

* Common types of input bindings are:

1. Azure Blob Storage
2. Azure Cosmos DB
3. Mobile apps
4. Azure Table Storage

* For creating input binding the specified direction should be “in”.

**Binding Expression:**

It is a special type of parameter which yields it’s valued as function is called.

This written in text format and inside { }. But app setting binding expression are written inside”%”.

* Binding Expression can be of many types but most used are:

1. App settings
2. Triggers Filename
3. Triggers Metadata
4. JSON payload
5. New GUID
6. Current data and time

* Common types of bindings which support output bindings:

1. Blob Storage
2. Azure Cosmos DB
3. Event Hubs
4. HTTP
5. Microsoft Graph
6. Mobile Apps
7. Notification Hubs
8. Queue Storage
9. Send Grid
10. Service Bus
11. Table Storage
12. Twilio

* The direction for an output binding would be “out”.