**Numpy array manipulation operations**

**np.array\_split**

It is used to split a Numpy array into multiple sub-arrays.

**np.column\_stack**

It is used to stack multiple 1-D Numpy arrays as columns in a 2-D array.

**np.concatenate**

It is used to concatenate numpy arrays along an axis. There’s more on this in the coding snippet below.

**np.hsplit**

It splits a single Numpy array into multiple sub-arrays horizontally.

**np.hstack**

It stacks the arrays horizontally in a *column-wise* manner.

**np.squeeze**

It removes single-dimensional entries from the shape of an array.

**np.vsplit**

It splits an array into multiple sub-arrays vertically (row-wise).

**np.vstack**

It stacks multiple arrays in a vertical sequence.