



# Building a Matrix

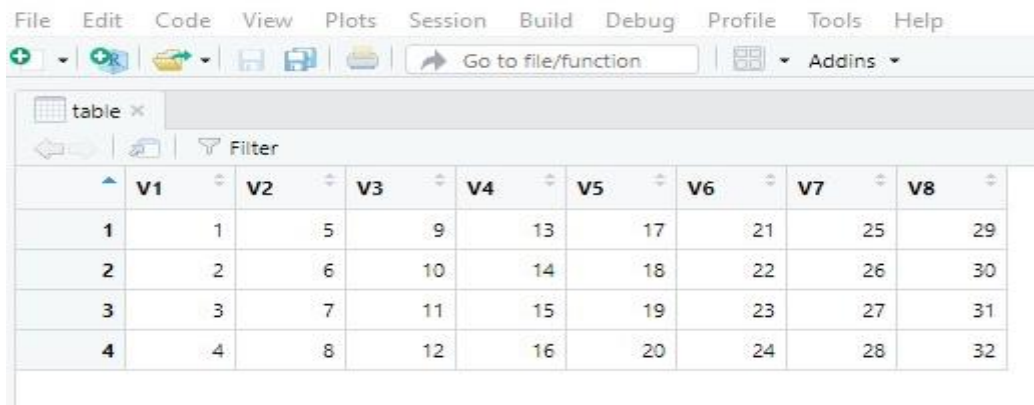
- A matrix is a collection of elements belonging to the same data type, usually integers or real numbers that are arranged in a two dimensional rectangular or square format.
- A matrix can be constructed by executing the following commands:
- First create a vector containing a sequence of 32 integer values:

```
> data<-seq(1:32)
```

- Now, create the matrix that store the vector values in tabular format:

```
table<-matrix(data,nrow = 4,ncol = 8)
```

```
View(table)
```



	V1	V2	V3	V4	V5	V6	V7	V8
1	1	5	9	13	17	21	25	29
2	2	6	10	14	18	22	26	30
3	3	7	11	15	19	23	27	31
4	4	8	12	16	20	24	28	32