

```
library(data.table) # Create
sample              data.table
employee_data <- data.table(
  ID = 1:5,
  Name = paste("cars", 1:5),
  Company = sample(25:50, 5, replace = TRUE),
  Department = sample(c("HR", "Finance", "IT", "Sales"), 5, replace = TRUE),
  Salary = sample(seq(55000, 68000, by = 5000), 5, replace = TRUE)
)
```

employee\_data[, .(Name, Salary)]**Output**

```
   Name Salary
1: cars 1  50000
2: cars 2  35000
3: cars 3  30000
4: cars 4  30000 5:
cars 5  35000
```

```
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```

)

```
employee_data[Salary > 60000]
```

### Output

	ID	Name	Company	Department	Salary
1:	5	cars 5	37	Finance	65000

```
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)
```

```
employee_data[order(-Salary)]
```

### Output

	ID	Name	Company	Department	Salary
1:	2	cars 2	36	IT	65000
2:	4	cars 4	41	Sales	65000
3:	3	cars 3	27	Finance	60000
4:	1	cars 1	50	HR	55000
5:	5	cars 5	27	IT	55000

```
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)
```

```
employee_data[, .(Average_Salary = mean(Salary)), by = Department]
```

### Output

	Department	Average_Salary
1:	Finance	60000
2:	Sales	55000
3:	IT	55000