# Assignment-3

<u>Instructions:</u>

- Create a reference table as provided below, and name it as <assignment_3>_<data>
- Write executable queries for each of the questions along with justifications.
- Paste screen-shots containing both the query as well as the output, generate a pdf and submit.
- Submit one .pdf file containing all the questions along with their solutions
- Submission format: <roll_no.>_Assignment<number>.pdf

<u>Questions:</u>

1. Display the number of unique department ids present in the table.
2. Display the department-wise maximum, minimum, sum and average salary.
3. Find the department id whose average salary is greater than 70,000.
4. Display the employee ids from the relation whose salary < average salary of department id 506.
5. Find the department id and average salary from the relation whose average salary is greater than the average salary of department id 504.
6. Display the employee ids whose salary is greater than the average salary of department id 506.

| emp_id | dept_id | salary |
|--------|---------|--------|
| 111 | 504 | 70000 |
| 112 | 509 | 90000 |
| 113 | 509 | 85000 |
| 114 | 501 | 60000 |
| 115 | 504 | 55000 |
| 116 | 504 | 80000 |
| 117 | 506 | 40000 |
| 118 | 506 | 65000 |
| 119 | 509 | 95000 |
| 120 | 509 | 75000 |