

Data Analyst Internship with NeoPay

About Internship:

- This internship is a full-time role (3 months)
- We have our office in **Sector 2 Noida**. You'll be expected to report to the office. Our team is currently working from home, but we will resume office from the first week of July.
- Stipend during internship: 10K/month
- After Internship salary offered will be from 3LPA to 4.2LPA depending on your performance
- **Please apply only if you can join full-time for 3 months, and can continue afterwards as well (If you are a student, please do not apply)**

About Company:

Founded by a team of IIM and IIT graduates with over 15 years of experience in the FMCG and technology sector, our mission at NeoPay is to build a world-class distribution organization solving the needs of general trade with innovation in business models and efficient use of technology. We are well funded by leading VCs and industry veterans from the FMCG industry.

Roles & Responsibilities:

1. Interpreting data, analyzing results using statistical techniques
2. Developing and implementing data analyses, data collection systems and other strategies that optimize statistical efficiency and quality
3. Acquiring data from primary or secondary data sources and maintaining databases
4. Identify, analyze, and interpret trends or patterns in complex data sets
5. Work with management to prioritize business and information needs
6. Locate and define new process improvement opportunities
7. Generate MIS reports

Mandatory Skills:

1. Good knowledge of Relational Database like MySQL, Postgres
2. Good knowledge of Spreadsheet tools like MS-Excel or Google Spreadsheets
3. Working knowledge of BI/MIS tools is an advantage

ASSIGNMENT: Deadline 27th June, 2021

How to submit:

Send your answers to hr@neopay.club

Subject of the email should be: Data Internship <your_name>

Assignment 1:

Employees Database:

Table: employees

\ id: int
\ name: varchar
\ salary: int
\ joining_date: timestamp
\ department_id (FK: department.id)

Table containing B

Table: bonus

\ employee_id (FK: employees.id)
\ bonus_year: timestamp
\ bonus_amount: int

Table: department

\ id: int
\ name: varchar

Write Queries to get:

1. Employee Count, Average Salary by Department
 - Output Columns: Department, Employee Count, Avg Salary
2. List of Employees getting highest salary in department
 - Output Columns: Department, Employee Name, Salary
3. List of Employee getting highest bonus by year
 - Output Columns: Year, Employee Name, Bonus Amount

Assignment 2:

Movies Database

Table: movie

\ id

\ name

Table: actor

\ id

\ name

Table: award

\ id

\ name

Table: movie_cast (many:many relationship)

\ movie_id (FK: movie.id)

\ actor_id (FK: actor.id)

Table: award_results

\ year

\ award_id

\ movie_id

Unique (year, award_id)

Write Queries to get:

1. List of actors without any award winning movie
 - Output: actor_name
2. List of actors with maximum number of award winning movies by year
 - Output: year, actor_name, movie_count