**SQL Queries and Business Insights – Expense Reimbursements**

**1. Average submission time of employees:**

select round(avg (employee\_submission\_duration),2)

from expensereimbursements

71.41 minutes

**2. Average submission time of employees by department:**

select department, round(avg (employee\_submission\_duration),2) as Average\_submission\_time

from expensereimbursements

group by department

A screenshot of a phone number

AI-generated content may be incorrect.

**3. Average time take by managers across all departments to approve the submission:**  
  
select avg (manager\_approval\_date-submit\_date)

from expensereimbursements

4 days 24:23:10.909091

**4. Average time take by managers across each department to approve the submission:**

select department, avg (manager\_approval\_date-submit\_date) as Average\_Manager\_time

from expensereimbursements

group by department

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AI-generated content may be incorrect.

**5.** **Average time taken for accounting review across all departments after manager has approved the submission:**

select avg (accounting\_review\_date-manager\_approval\_date)

from expensereimbursements

7 days 24:12:00

**6. Average time take for accounting review across each department after manager has approved the submission:**

select department, avg (accounting\_review\_date-manager\_approval\_date) as Average\_accounting\_time

from expensereimbursements

group by department

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**7. Average time taken for expense reimbursement after accounting review:**select avg (payment\_Date-accounting\_review\_date)

from expensereimbursements

11 days 21:38:55.135136

**8. Average time taken for expense reimbursement after accounting review for each department:**

select department, avg (payment\_Date-accounting\_review\_date)

from expensereimbursements

group by department

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**9**. **Average time taken for expense reimbursement since the employee submits the invoices:**

select avg (payment\_Date-submit\_date)

from expensereimbursements

"24 days 22:22:42.162162"

**10.** **Average time taken for expense reimbursement since the employee submits the invoices across each department:**

select department, avg (payment\_Date-submit\_date) as cycle\_time

from expensereimbursements

group by department

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**11. Rejected Submissions Analysis:**

select department, expense\_category, rejection\_reason, status

from expensereimbursements

where status = 'Rejected'

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**12. Average amount reimbursed by expense category:**

select expense\_category, round(avg(amount)) as average\_amount

from expensereimbursements

group by expense\_category

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