| (6. Advanced SQL Commands). |
|--|
| [6.1] Time stamps |
| Postgrass Sal extract function extracts parts from a date. |
| (- Extract (unit from date) |
| Entract Junction documents for reference |
| Postgres SQL Time date Junctions indocumentations. |
| SELECT * FROM payment; |
| SELECT payment-Lete FROM payment; |
| SELECT Extract (day secon payment late) FROM payment |

SELECT SUM (mount), Extract (month from payment_date) As month

FROM payment

GROUPBY month.

ORDER BY SUM (amount) DESC.

Limit 1;

Matte matical Functions SELECT * FROM payment; SELECT Cost_id + newtal-id AS New_id FROM Payment, SELECT AVG (amount) SELECT ROUMD (AUG Consult)2) 76.3/ String Function & growters

SELECT first_name II last-hame FROM Customer;

SELECT first_name II (1 | last-hame AS Jult_name
FROM Customer;

SELECT first name, class-length(first_name) FROM automor; 164 Sub-Query => vory advenced & Complicated Regular way to Solve the problem

-) Suppose we want to find the films whose grental rate is higher than the average rental rate.

Ly SELECT ANG (gustal-state) From film;
Ly SELECT title, rental state,
From film
WHERE rental-state > 2.983

I subgrowy is a guory nested inside another guery or To Construct a subgrowy, we put the selond guerry in brackets and use it in the WHERE clause as an expression.

SELECT film-id, title, rental-rate From film WHERE rental-rate > (SELECT AUG (rental-rate) From film); SELECT title, rental-rate

FROM film

WHERE rental-rate > (SELECT AVG (nertal-rate))

FROM film)

SELECT inventory - film-id

FROM Austol

[JAMER JOIN intentory ON inventory intentory - id = suntal.inventory

Littert

Tulian date BETWEEN 12005-05-29 April 1:2005-05-30/

above this

SELECT film-id, Little FROM film WHERE film-id IN

Self-Join Employee none Employee location Tol New YORK Samil · India Alex Russia Albert Canada Jack New YORIE. We Can not Just say: Stiltet employee-name. FROM employee WHERE Employee-location = "NEW YORK" > ble Can hele (Sub-query) like below SELECT employee_name From employee WHERE employee-location IN (SELECT employee-location FROM employee WHERE Employee-name="Toe")

suchile a subgrowy is a valid solution, it is a actually more efficient to use a self join, where we join a table to itself.

Is A a general grule, we need to always. Use aliases (AS statement) when using self Join

SELECT : e1 employer name.

FROM employée AS e1, employée. AS e2.

WHERE

e1. employee: location = C2. employee-location

AND. e2. employee : name = "Joe";

Mow Bock to Eriginal teable Now

SELECT a. first-name, a. lost-name, b. first-name, b. last-name, b. last-name

FROM austrona AS a, Customer AS b.

LaHERE a first_name = b. Cast_name ;

