

5) The average cost of couriers in September.

Relational Algebra:

$r1 \leftarrow \rho(c, \sigma_{\langle c_delivery_date \rangle 2020-09-01 \text{ AND } \langle c_delivery_date \rangle < 2020-09-31 \text{ AND } c_status = 'delivered' >} courier)$

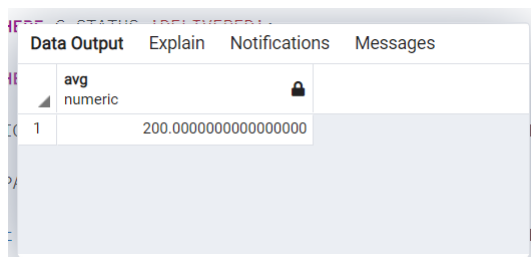
$r2 \leftarrow \rho(r, rate)$

$result \leftarrow \mathcal{F}_{AVG(C_RATE)} r1 \bowtie_{\langle c.rate_id = r.rate_id \rangle} r2$

SQL Code:

```
SELECT AVG(C_RATE) FROM RATE AS R JOIN COURIER AS C ON (R.RATE_ID  
= C.RATE_ID) WHERE C.C_STATUS='DELIVERED' AND C_DELIVERY_DATE  
BETWEEN '#2020-09-01#' AND '#2020-09-30#';
```

Output:



The screenshot shows a database query result window with the title "Data Output". It contains a single row of data. The first column is labeled "avg" and the second column is labeled "numeric". The value in the "numeric" column is "200.0000000000000000".

	avg	numeric
1		200.0000000000000000