

- The main idea of the project is the analysis of financial flow, by creating a dashboard that will allow us to monitor and analyze financial data, including revenue, expenses, and profit.
- Deadline: 10 days.

Used tools:

- SQL (DBeaver)
- Tableau



Calculated metrics

- MRR & New MRR
- Paid Users & New Paid Users
- MRR Expansion & Contraction
- ARPPU
- Churn Users & Churn Rate
- Customer Lifetime & Lifetime Value

```
payment_date IS NOT null AND revenue_amount_usd > 0
        COALESCE(ROUND((paid_users - previous_paid_users) * 100.0 / previous_paid_users, 2), 0) AS churn_rate, -- CHURN RATE
    ORDER BY
first payment AS (
       FROM project.games_payments
GROUP BY user_id, game_name
   JOIN project.games_payments gp
ON fm.user_id = gp.user_id AND DATE_TRUNC('month', gp.payment_date) = fm.first_payment_month
    ORDER BY month
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ORDER BY month
                                  MIN(DATE_TRUNC('month', payment_date))::date AS first_payment_month, -- prima luna de plata MAX(DATE_TRUNC('month', payment_date))::date AS last_payment_month, -- ultima luna de plata
>-
                            project.games_payments
GROUP BY
               users_metrics AS (
                           fp.new_paid_users,
ROUND(mc.mrr / mc.paid_users) AS arppu, -- ARPPU
                    JOIN first_payment fp
ON mc.payment_month = fp.month
join lifetime_metrics lm
```

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