A PDF with the full, working queries you performed

**AVG Campaigns Lenght Backers and Pledge**

WITH AvgCampaignLength AS (

SELECT AVG(deadline - launched) AS avg\_length

FROM campaign

)

SELECT

CASE

WHEN (cp.deadline - cp.launched) > (SELECT avg\_length FROM AvgCampaignLength) THEN 'Longer Campaign'

ELSE 'Shorter Campaign'

END AS CampaignType,

AVG(cp.pledged \* cc.conversion\_rate\_to\_usd) AS AvgPledgedAmountInUSD,

SUM(cp.pledged \* cc.conversion\_rate\_to\_usd) AS TotalPledgedAmountInUSD,

COUNT(\*) AS NumberOfCampaigns,

SUM(CASE WHEN cp.outcome = 'successful' THEN 1 ELSE 0 END) AS SuccessfulCampaigns

FROM

campaign AS cp

JOIN

currency AS cc ON cp.currency\_id = cc.id

GROUP BY

CampaignType

ORDER BY

AvgPledgedAmountInUSD DESC;

**AVG Pledge per backer**

SELECT

SC.name AS Subcategory,

(SUM(CP.pledged \* CC.conversion\_rate\_to\_usd) / SUM(CP.backers)) AS avg\_pledge\_per\_backer

FROM

campaign AS CP

JOIN

sub\_category AS SC ON CP.sub\_category\_id = SC.id

JOIN

category AS CT ON SC.category\_id = CT.id

JOIN

currency AS CC ON CP.currency\_id = CC.id

WHERE

SC.name = 'Tabletop Games'

GROUP BY

CT.name;

SELECT

AVG (c.backers) AS average\_backers

FROM

campaign AS c

JOIN

sub\_category AS sc ON c.sub\_category\_id = sc.id

JOIN

category AS CT ON sc.category\_id = CT.id

JOIN

currency AS CC ON c.currency\_id = CC.id

WHERE

SC.name = 'Tabletop Games';

**Conversion Rate Table V0**

ALTER TABLE currency

ADD conversion\_rate\_to\_usd int;

#UPDATE currency

#SET conversion\_rate\_to\_usd = 1.25

#WHERE currency.id = 1;

#UPDATE currency

#SET conversion\_rate\_to\_usd = 1

#WHERE currency.id = 2;

#UPDATE currency

#SET conversion\_rate\_to\_usd = 0.73

#WHERE currency.id = 3;

#UPDATE currency

#SET conversion\_rate\_to\_usd = 0.64

#WHERE currency.id = 4;

#UPDATE currency

#SET conversion\_rate\_to\_usd = 0.094

#WHERE currency.id = 5;

#UPDATE currency

#SET conversion\_rate\_to\_usd = 1.07

#WHERE currency.id = 6;

#UPDATE currency

#SET conversion\_rate\_to\_usd = 0.057

#WHERE currency.id = 7;

#USE kickstarter;

#UPDATE currency

#SET conversion\_rate\_to\_usd = 0.090

#WHERE currency.id = 8;

#UPDATE currency

#SET conversion\_rate\_to\_usd = 0.59

#WHERE currency.id = 9;

#UPDATE currency

#SET conversion\_rate\_to\_usd = 1.12

#WHERE currency.id = 10;

#UPDATE currency

#SET conversion\_rate\_to\_usd = 0.14

#WHERE currency.id = 11;

#UPDATE currency

#SET conversion\_rate\_to\_usd = 0.13

#WHERE currency.id = 12;

#UPDATE currency

#SET conversion\_rate\_to\_usd = 0.73

#WHERE currency.id = 13;

UPDATE currency

SET conversion\_rate\_to\_usd = 0.0068

WHERE currency.id = 14;

**PledgeRank and CampaignRank**

#Rank the top three countries with the most successful campaigns in terms of dollars (total amount pledged),

#and in terms of the number of campaigns backed.

WITH RankedCountries AS (

SELECT

cn.name AS CountryName,

SUM(cp.pledged \* c.conversion\_rate\_to\_usd) AS TotalAmountPledged,

COUNT(cp.id) AS NumberOfCampaigns,

RANK () OVER (ORDER BY SUM(cp.pledged \* c.conversion\_rate\_to\_usd) DESC) AS PledgeRanked,

RANK () OVER (ORDER BY COUNT(cp.id) DESC) AS CampaignsRanked

FROM

campaign AS cp

JOIN

country AS cn ON cp.country\_id = cn.id

JOIN

currency AS c ON cp.currency\_id = c.id

WHERE cp.outcome = 'successful' AND cn.name != 'UNKNOWN'

GROUP BY cn.name

)

SELECT

CountryName,

TotalAmountPledged,

NumberOfCampaigns,

PledgeRanked,

CampaignsRanked

FROM RankedCountries

WHERE PledgeRanked <=3 OR CampaignsRanked <=3

**Top Categories and Subcategries by backers**

#Top 3 Categories by Money Raised

SELECT

ct.name AS CategoryName,

SUM(cp.pledged \* cu.conversion\_rate\_to\_usd) AS TotalMoneyRaisedUSD

FROM

campaign AS cp

JOIN

sub\_category AS sc ON cp.sub\_category\_id = sc.id

JOIN

category AS ct ON sc.category\_id = ct.id

JOIN

currency AS cu ON cp.currency\_id = cu.id

GROUP BY

ct.name

ORDER BY

TotalMoneyRaisedUSD DESC

LIMIT 3;

-- Bottom 3 Categories by Money Raised

SELECT

ct.name AS CategoryName,

SUM(cp.pledged \* cu.conversion\_rate\_to\_usd) AS TotalMoneyRaisedUSD

FROM

campaign AS cp

JOIN

sub\_category AS sc ON cp.sub\_category\_id = sc.id

JOIN

category AS ct ON sc.category\_id = ct.id

JOIN

currency AS cu ON cp.currency\_id = cu.id

GROUP BY

ct.name

ORDER BY

TotalMoneyRaisedUSD ASC

LIMIT 3;

#Top 3 Sub-Categories by Money Raised

SELECT

sc.name AS SubCategoryName,

SUM(cp.pledged \* cu.conversion\_rate\_to\_usd) AS TotalMoneyRaisedUSD

FROM

campaign AS cp

JOIN

sub\_category AS sc ON cp.sub\_category\_id = sc.id

JOIN

currency AS cu ON cp.currency\_id = cu.id

GROUP BY

sc.name

ORDER BY

TotalMoneyRaisedUSD DESC

LIMIT 3;

#Bottom 3 Sub-Categories by Money Raised

SELECT

sc.name AS SubCategoryName,

SUM(cp.pledged \* cu.conversion\_rate\_to\_usd) AS TotalMoneyRaisedUSD

FROM

campaign AS cp

JOIN

sub\_category AS sc ON cp.sub\_category\_id = sc.id

JOIN

currency AS cu ON cp.currency\_id = cu.id

GROUP BY

sc.name

ORDER BY

TotalMoneyRaisedUSD ASC

LIMIT 3;

**Top Tabletop Camapign**

SELECT

cp.name AS CampaignName,

cp.pledged \* c.conversion\_rate\_to\_usd AS HighestPledgedAmountUSD,

cp.backers AS NumberOfBackers

FROM

campaign AS cp

JOIN

sub\_category AS sc ON cp.sub\_category\_id = sc.id

JOIN

currency AS c ON cp.currency\_id = c.id

WHERE

sc.name = 'Tabletop Games' AND cp.outcome = 'successful'

ORDER BY

cp.pledged \* c.conversion\_rate\_to\_usd DESC

LIMIT 1;

**UNKNOWN country name**

SELECT \*

FROM country;

UPDATE country

SET name = 'UNKNOWN'

WHERE id = 11;