Orlando Garcia Thursday 08 April 2021

Data Analytics Bootcamp

PyBank Analysis

The following results come from my Script PyBank

# The total number of months included in the dataset

86

# The net total amount of “Profit/Losses” over the entire period

38382578

# Calculate the changes in “Profit/Losses” over the entire period, then find the average of those changes

Changes list available in the Annex, already calculated in the script

Average of Those changes - 2315.1176

# The greatest increase in profits(date and amount) over the entire period

Date Feb 2012

Amount 1926159

# The greatest decrease in losses(date and amount) over the entire period

Date Sep 2013

Amount -2196167

# Analysis

Financial Analysis

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Total Months: 86

Total: $38382578

Average Change: $-2315.1176470588234

Greatest Increase in Profits: Feb-2012 ($1926159)

Greatest Decrease in Profits: Sep-2013 ($-2196167)

ANNEX List Changes “Profits/Losses”

[116771,

-662642,

-391430,

379920,

212354,

510239,

-428211,

-821271,

693918,

416278,

-974163,

860159,

-1115009,

1033048,

95318,

-308093,

99052,

-521393,

605450,

231727,

-65187,

-702716,

177975,

-1065544,

1926159,

-917805,

898730,

-334262,

-246499,

-64055,

-1529236,

1497596,

304914,

-635801,

398319,

-183161,

-37864,

-253689,

403655,

94168,

306877,

-83000,

210462,

-2196167,

1465222,

-956983,

1838447,

-468003,

-64602,

206242,

-242155,

-449079,

315198,

241099,

111540,

365942,

-219310,

-368665,

409837,

151210,

-110244,

-341938,

-1212159,

683246,

-70825,

335594,

417334,

-272194,

-236462,

657432,

-211262,

-128237,

-1750387,

925441,

932089,

-311434,

267252,

-1876758,

1733696,

198551,

-665765,

693229,

-734926,

77242,

532869]