**application\_test.csv**

SK\_ID\_CURR CNT\_CHILDREN AMT\_INCOME\_TOTAL AMT\_CREDIT AMT\_ANNUITY AMT\_GOODS\_PRICE REGION\_POPULATION\_RELATIVE DAYS\_BIRTH DAYS\_EMPLOYED \

count 48744.000000 48744.000000 4.874400e+04 4.874400e+04 48720.000000 4.874400e+04 48744.000000 48744.000000 48744.000000

mean 277796.676350 0.397054 1.784318e+05 5.167404e+05 29426.240209 4.626188e+05 0.021226 -16068.084605 67485.366322

std 103169.547296 0.709047 1.015226e+05 3.653970e+05 16016.368315 3.367102e+05 0.014428 4325.900393 144348.507136

min 100001.000000 0.000000 2.694150e+04 4.500000e+04 2295.000000 4.500000e+04 0.000253 -25195.000000 -17463.000000

25% 188557.750000 0.000000 1.125000e+05 2.606400e+05 17973.000000 2.250000e+05 0.010006 -19637.000000 -2910.000000

50% 277549.000000 0.000000 1.575000e+05 4.500000e+05 26199.000000 3.960000e+05 0.018850 -15785.000000 -1293.000000

75% 367555.500000 1.000000 2.250000e+05 6.750000e+05 37390.500000 6.300000e+05 0.028663 -12496.000000 -296.000000

max 456250.000000 20.000000 4.410000e+06 2.245500e+06 180576.000000 2.245500e+06 0.072508 -7338.000000 **365243**.000000

DAYS\_REGISTRATION DAYS\_ID\_PUBLISH OWN\_CAR\_AGE FLAG\_MOBIL FLAG\_EMP\_PHONE FLAG\_WORK\_PHONE FLAG\_CONT\_MOBILE FLAG\_PHONE FLAG\_EMAIL \

count 48744.000000 48744.000000 16432.000000 48744.000000 48744.000000 48744.000000 48744.000000 48744.000000 48744.000000

mean -4967.652716 -3051.712949 11.786027 0.999979 0.809720 0.204702 0.998400 0.263130 0.162646

std 3552.612035 1569.276709 11.462889 0.004529 0.392526 0.403488 0.039971 0.440337 0.369046

min -23722.000000 -6348.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

25% -7459.250000 -4448.000000 4.000000 1.000000 1.000000 0.000000 1.000000 0.000000 0.000000

50% -4490.000000 -3234.000000 9.000000 1.000000 1.000000 0.000000 1.000000 0.000000 0.000000

75% -1901.000000 -1706.000000 15.000000 1.000000 1.000000 0.000000 1.000000 1.000000 0.000000

max 0.000000 0.000000 74.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000

CNT\_FAM\_MEMBERS REGION\_RATING\_CLIENT REGION\_RATING\_CLIENT\_W\_CITY HOUR\_APPR\_PROCESS\_START REG\_REGION\_NOT\_LIVE\_REGION REG\_REGION\_NOT\_WORK\_REGION \

count 48744.000000 48744.000000 48744.000000 48744.000000 48744.000000 48744.000000

mean 2.146767 2.038159 2.012596 12.007365 0.018833 0.055166

std 0.890423 0.522694 0.515804 3.278172 0.135937 0.228306

min 1.000000 1.000000 -1.000000 0.000000 0.000000 0.000000

25% 2.000000 2.000000 2.000000 10.000000 0.000000 0.000000

50% 2.000000 2.000000 2.000000 12.000000 0.000000 0.000000

75% 3.000000 2.000000 2.000000 14.000000 0.000000 0.000000

max 21.000000 3.000000 3.000000 23.000000 1.000000 1.000000

LIVE\_REGION\_NOT\_WORK\_REGION REG\_CITY\_NOT\_LIVE\_CITY REG\_CITY\_NOT\_WORK\_CITY LIVE\_CITY\_NOT\_WORK\_CITY EXT\_SOURCE\_1 EXT\_SOURCE\_2 EXT\_SOURCE\_3 \

count 48744.000000 48744.000000 48744.000000 48744.000000 28212.000000 48736.000000 40076.000000

mean 0.042036 0.077466 0.224664 0.174216 0.501180 0.518021 0.500106

std 0.200673 0.267332 0.417365 0.379299 0.205142 0.181278 0.189498

min 0.000000 0.000000 0.000000 0.000000 0.013458 0.000008 0.000527

25% 0.000000 0.000000 0.000000 0.000000 0.343695 0.408066 0.363945

50% 0.000000 0.000000 0.000000 0.000000 0.506771 0.558758 0.519097

75% 0.000000 0.000000 0.000000 0.000000 0.665956 0.658497 0.652897

max 1.000000 1.000000 1.000000 1.000000 0.939145 0.855000 0.882530

APARTMENTS\_AVG BASEMENTAREA\_AVG YEARS\_BEGINEXPLUATATION\_AVG YEARS\_BUILD\_AVG COMMONAREA\_AVG ELEVATORS\_AVG ENTRANCES\_AVG FLOORSMAX\_AVG \

count 24857.000000 21103.000000 25888.000000 16926.000000 15249.000000 23555.000000 25165.000000 25423.000000

mean 0.122388 0.090065 0.978828 0.751137 0.047624 0.085168 0.151777 0.233706

std 0.113112 0.081536 0.049318 0.113188 0.082868 0.139164 0.100669 0.147361

min 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

25% 0.061900 0.046700 0.976700 0.687200 0.008100 0.000000 0.074500 0.166700

50% 0.092800 0.078100 0.981600 0.755200 0.022700 0.000000 0.137900 0.166700

75% 0.148500 0.113400 0.986600 0.816400 0.053900 0.160000 0.206900 0.333300

max 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000

FLOORSMIN\_AVG LANDAREA\_AVG LIVINGAPARTMENTS\_AVG LIVINGAREA\_AVG NONLIVINGAPARTMENTS\_AVG NONLIVINGAREA\_AVG APARTMENTS\_MODE BASEMENTAREA\_MODE \

count 16278.000000 20490.000000 15964.000000 25192.000000 15397.000000 22660.000000 24857.000000 21103.000000

mean 0.238423 0.067192 0.105885 0.112286 0.009231 0.029387 0.119078 0.088998

std 0.164976 0.081909 0.098284 0.114860 0.048749 0.072007 0.113465 0.082655

min 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

25% 0.104200 0.019000 0.050400 0.048575 0.000000 0.000000 0.058800 0.042500

50% 0.208300 0.048300 0.075600 0.077000 0.000000 0.003800 0.085100 0.077000

75% 0.375000 0.086800 0.126900 0.137600 0.005100 0.029000 0.150200 0.113550

max 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000

YEARS\_BEGINEXPLUATATION\_MODE YEARS\_BUILD\_MODE COMMONAREA\_MODE ELEVATORS\_MODE ENTRANCES\_MODE FLOORSMAX\_MODE FLOORSMIN\_MODE LANDAREA\_MODE \

count 25888.000000 16926.000000 15249.000000 23555.000000 25165.000000 25423.000000 16278.000000 20490.000000

mean 0.978292 0.758327 0.045223 0.080570 0.147161 0.229390 0.233854 0.065914

std 0.053782 0.110117 0.081169 0.137509 0.101748 0.146485 0.165034 0.082880

min 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

25% 0.976200 0.692900 0.007600 0.000000 0.069000 0.166700 0.083300 0.016525

50% 0.981600 0.758300 0.020300 0.000000 0.137900 0.166700 0.208300 0.046200

75% 0.986600 0.823600 0.051700 0.120800 0.206900 0.333300 0.375000 0.085600

max 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000

LIVINGAPARTMENTS\_MODE LIVINGAREA\_MODE NONLIVINGAPARTMENTS\_MODE NONLIVINGAREA\_MODE APARTMENTS\_MEDI BASEMENTAREA\_MEDI YEARS\_BEGINEXPLUATATION\_MEDI \

count 15964.000000 25192.000000 15397.000000 22660.000000 24857.000000 21103.000000 25888.000000

mean 0.110874 0.110687 0.008358 0.028161 0.122809 0.089529 0.978822

std 0.103980 0.116699 0.046657 0.073504 0.114184 0.081022 0.049663

min 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

25% 0.055100 0.045600 0.000000 0.000000 0.062500 0.046150 0.976700

50% 0.081700 0.075100 0.000000 0.001200 0.092600 0.077800 0.981600

75% 0.132200 0.130600 0.003900 0.024500 0.149900 0.113000 0.986600

max 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000

YEARS\_BUILD\_MEDI COMMONAREA\_MEDI ELEVATORS\_MEDI ENTRANCES\_MEDI FLOORSMAX\_MEDI FLOORSMIN\_MEDI LANDAREA\_MEDI LIVINGAPARTMENTS\_MEDI \

count 16926.000000 15249.000000 23555.000000 25165.000000 25423.000000 16278.000000 20490.000000 15964.000000

mean 0.754344 0.047420 0.084128 0.151200 0.233154 0.237846 0.068069 0.107063

std 0.111998 0.082892 0.139014 0.100931 0.147629 0.165241 0.082869 0.099737

min 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

25% 0.691400 0.008000 0.000000 0.069000 0.166700 0.083300 0.019000 0.051300

50% 0.758500 0.022300 0.000000 0.137900 0.166700 0.208300 0.048800 0.077000

75% 0.818900 0.053800 0.160000 0.206900 0.333300 0.375000 0.088000 0.126600

max 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000

LIVINGAREA\_MEDI NONLIVINGAPARTMENTS\_MEDI NONLIVINGAREA\_MEDI TOTALAREA\_MODE OBS\_30\_CNT\_SOCIAL\_CIRCLE DEF\_30\_CNT\_SOCIAL\_CIRCLE \

count 25192.000000 15397.000000 22660.000000 26120.000000 48715.000000 48715.000000

mean 0.113368 0.008979 0.029296 0.107129 1.447644 0.143652

std 0.116503 0.048148 0.072998 0.111420 3.608053 0.514413

min 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

25% 0.049000 0.000000 0.000000 0.043200 0.000000 0.000000

50% 0.077600 0.000000 0.003100 0.070700 0.000000 0.000000

75% 0.137425 0.003900 0.028025 0.135700 2.000000 0.000000

max 1.000000 1.000000 1.000000 1.000000 **354**.000000 34.000000

OBS\_60\_CNT\_SOCIAL\_CIRCLE DEF\_60\_CNT\_SOCIAL\_CIRCLE DAYS\_LAST\_PHONE\_CHANGE FLAG\_DOCUMENT\_2 FLAG\_DOCUMENT\_3 FLAG\_DOCUMENT\_4 FLAG\_DOCUMENT\_5 \

count 48715.000000 48715.000000 48744.000000 48744.0 48744.000000 48744.000000 48744.000000

mean 1.435738 0.101139 -1077.766228 0.0 0.786620 0.000103 0.014751

std 3.580125 0.403791 878.920740 0.0 0.409698 0.010128 0.120554

min 0.000000 0.000000 -4361.000000 0.0 0.000000 0.000000 0.000000

25% 0.000000 0.000000 -1766.250000 0.0 1.000000 0.000000 0.000000

50% 0.000000 0.000000 -863.000000 0.0 1.000000 0.000000 0.000000

75% 2.000000 0.000000 -363.000000 0.0 1.000000 0.000000 0.000000

max **351**.000000 24.000000 0.000000 0.0 1.000000 1.000000 1.000000

FLAG\_DOCUMENT\_6 FLAG\_DOCUMENT\_7 FLAG\_DOCUMENT\_8 FLAG\_DOCUMENT\_9 FLAG\_DOCUMENT\_10 FLAG\_DOCUMENT\_11 FLAG\_DOCUMENT\_12 FLAG\_DOCUMENT\_13 \

count 48744.000000 48744.000000 48744.000000 48744.000000 48744.0 48744.000000 48744.0 48744.0

mean 0.087477 0.000041 0.088462 0.004493 0.0 0.001169 0.0 0.0

std 0.282536 0.006405 0.283969 0.066879 0.0 0.034176 0.0 0.0

min 0.000000 0.000000 0.000000 0.000000 0.0 0.000000 0.0 0.0

25% 0.000000 0.000000 0.000000 0.000000 0.0 0.000000 0.0 0.0

50% 0.000000 0.000000 0.000000 0.000000 0.0 0.000000 0.0 0.0

75% 0.000000 0.000000 0.000000 0.000000 0.0 0.000000 0.0 0.0

max 1.000000 1.000000 1.000000 1.000000 0.0 1.000000 0.0 0.0

FLAG\_DOCUMENT\_14 FLAG\_DOCUMENT\_15 FLAG\_DOCUMENT\_16 FLAG\_DOCUMENT\_17 FLAG\_DOCUMENT\_18 FLAG\_DOCUMENT\_19 FLAG\_DOCUMENT\_20 FLAG\_DOCUMENT\_21 \

count 48744.0 48744.0 48744.0 48744.0 48744.000000 48744.0 48744.0 48744.0

mean 0.0 0.0 0.0 0.0 0.001559 0.0 0.0 0.0

std 0.0 0.0 0.0 0.0 0.039456 0.0 0.0 0.0

min 0.0 0.0 0.0 0.0 0.000000 0.0 0.0 0.0

25% 0.0 0.0 0.0 0.0 0.000000 0.0 0.0 0.0

50% 0.0 0.0 0.0 0.0 0.000000 0.0 0.0 0.0

75% 0.0 0.0 0.0 0.0 0.000000 0.0 0.0 0.0

max 0.0 0.0 0.0 0.0 1.000000 0.0 0.0 0.0

AMT\_REQ\_CREDIT\_BUREAU\_HOUR AMT\_REQ\_CREDIT\_BUREAU\_DAY AMT\_REQ\_CREDIT\_BUREAU\_WEEK AMT\_REQ\_CREDIT\_BUREAU\_MON AMT\_REQ\_CREDIT\_BUREAU\_QRT \

count 42695.000000 42695.000000 42695.000000 42695.000000 42695.000000

mean 0.002108 0.001803 0.002787 0.009299 0.546902

std 0.046373 0.046132 0.054037 0.110924 0.693305

min 0.000000 0.000000 0.000000 0.000000 0.000000

25% 0.000000 0.000000 0.000000 0.000000 0.000000

50% 0.000000 0.000000 0.000000 0.000000 0.000000

75% 0.000000 0.000000 0.000000 0.000000 1.000000

max 2.000000 2.000000 2.000000 6.000000 7.000000

AMT\_REQ\_CREDIT\_BUREAU\_YEAR

count 42695.000000

mean 1.983769

std 1.838873

min 0.000000

25% 0.000000

50% 2.000000

75% 3.000000

max 17.000000

**application\_train.csv**

SK\_ID\_CURR TARGET CNT\_CHILDREN AMT\_INCOME\_TOTAL AMT\_CREDIT AMT\_ANNUITY AMT\_GOODS\_PRICE REGION\_POPULATION\_RELATIVE DAYS\_BIRTH \

count 307511.000000 307511.000000 307511.000000 3.075110e+05 3.075110e+05 307499.000000 3.072330e+05 307511.000000 307511.000000

mean 278180.518577 0.080729 0.417052 1.687979e+05 5.990260e+05 27108.573909 5.383962e+05 0.020868 -16036.995067

std 102790.175348 0.272419 0.722121 2.371231e+05 4.024908e+05 14493.737315 3.694465e+05 0.013831 4363.988632

min 100002.000000 0.000000 0.000000 2.565000e+04 4.500000e+04 1615.500000 4.050000e+04 0.000290 -25229.000000

25% 189145.500000 0.000000 0.000000 1.125000e+05 2.700000e+05 16524.000000 2.385000e+05 0.010006 -19682.000000

50% 278202.000000 0.000000 0.000000 1.471500e+05 5.135310e+05 24903.000000 4.500000e+05 0.018850 -15750.000000

75% 367142.500000 0.000000 1.000000 2.025000e+05 8.086500e+05 34596.000000 6.795000e+05 0.028663 -12413.000000

max 456255.000000 1.000000 19.000000 1.170000e+08 4.050000e+06 258025.500000 4.050000e+06 0.072508 -7489.000000

DAYS\_EMPLOYED DAYS\_REGISTRATION DAYS\_ID\_PUBLISH OWN\_CAR\_AGE FLAG\_MOBIL FLAG\_EMP\_PHONE FLAG\_WORK\_PHONE FLAG\_CONT\_MOBILE FLAG\_PHONE \

count 307511.000000 307511.000000 307511.000000 104582.000000 307511.000000 307511.000000 307511.000000 307511.000000 307511.000000

mean 63815.045904 -4986.120328 -2994.202373 12.061091 0.999997 0.819889 0.199368 0.998133 0.281066

std 141275.766519 3522.886321 1509.450419 11.944812 0.001803 0.384280 0.399526 0.043164 0.449521

min -17912.000000 -24672.000000 -7197.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

25% -2760.000000 -7479.500000 -4299.000000 5.000000 1.000000 1.000000 0.000000 1.000000 0.000000

50% -1213.000000 -4504.000000 -3254.000000 9.000000 1.000000 1.000000 0.000000 1.000000 0.000000

75% -289.000000 -2010.000000 -1720.000000 15.000000 1.000000 1.000000 0.000000 1.000000 1.000000

max **365243**.000000 0.000000 0.000000 91.000000 1.000000 1.000000 1.000000 1.000000 1.000000

FLAG\_EMAIL CNT\_FAM\_MEMBERS REGION\_RATING\_CLIENT REGION\_RATING\_CLIENT\_W\_CITY HOUR\_APPR\_PROCESS\_START REG\_REGION\_NOT\_LIVE\_REGION \

count 307511.000000 307509.000000 307511.000000 307511.000000 307511.000000 307511.000000

mean 0.056720 2.152665 2.052463 2.031521 12.063419 0.015144

std 0.231307 0.910682 0.509034 0.502737 3.265832 0.122126

min 0.000000 1.000000 1.000000 1.000000 0.000000 0.000000

25% 0.000000 2.000000 2.000000 2.000000 10.000000 0.000000

50% 0.000000 2.000000 2.000000 2.000000 12.000000 0.000000

75% 0.000000 3.000000 2.000000 2.000000 14.000000 0.000000

max 1.000000 20.000000 3.000000 3.000000 23.000000 1.000000

REG\_REGION\_NOT\_WORK\_REGION LIVE\_REGION\_NOT\_WORK\_REGION REG\_CITY\_NOT\_LIVE\_CITY REG\_CITY\_NOT\_WORK\_CITY LIVE\_CITY\_NOT\_WORK\_CITY EXT\_SOURCE\_1 \

count 307511.000000 307511.000000 307511.000000 307511.000000 307511.000000 134133.000000

mean 0.050769 0.040659 0.078173 0.230454 0.179555 0.502130

std 0.219526 0.197499 0.268444 0.421124 0.383817 0.211062

min 0.000000 0.000000 0.000000 0.000000 0.000000 0.014568

25% 0.000000 0.000000 0.000000 0.000000 0.000000 0.334007

50% 0.000000 0.000000 0.000000 0.000000 0.000000 0.505998

75% 0.000000 0.000000 0.000000 0.000000 0.000000 0.675053

max 1.000000 1.000000 1.000000 1.000000 1.000000 0.962693

EXT\_SOURCE\_2 EXT\_SOURCE\_3 APARTMENTS\_AVG BASEMENTAREA\_AVG YEARS\_BEGINEXPLUATATION\_AVG YEARS\_BUILD\_AVG COMMONAREA\_AVG ELEVATORS\_AVG \

count 3.068510e+05 246546.000000 151450.00000 127568.000000 157504.000000 103023.000000 92646.000000 143620.000000

mean 5.143927e-01 0.510853 0.11744 0.088442 0.977735 0.752471 0.044621 0.078942

std 1.910602e-01 0.194844 0.10824 0.082438 0.059223 0.113280 0.076036 0.134576

min 8.173617e-08 0.000527 0.00000 0.000000 0.000000 0.000000 0.000000 0.000000

25% 3.924574e-01 0.370650 0.05770 0.044200 0.976700 0.687200 0.007800 0.000000

50% 5.659614e-01 0.535276 0.08760 0.076300 0.981600 0.755200 0.021100 0.000000

75% 6.636171e-01 0.669057 0.14850 0.112200 0.986600 0.823200 0.051500 0.120000

max 8.549997e-01 0.896010 1.00000 1.000000 1.000000 1.000000 1.000000 1.000000

ENTRANCES\_AVG FLOORSMAX\_AVG FLOORSMIN\_AVG LANDAREA\_AVG LIVINGAPARTMENTS\_AVG LIVINGAREA\_AVG NONLIVINGAPARTMENTS\_AVG NONLIVINGAREA\_AVG \

count 152683.000000 154491.000000 98869.000000 124921.000000 97312.000000 153161.000000 93997.000000 137829.000000

mean 0.149725 0.226282 0.231894 0.066333 0.100775 0.107399 0.008809 0.028358

std 0.100049 0.144641 0.161380 0.081184 0.092576 0.110565 0.047732 0.069523

min 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

25% 0.069000 0.166700 0.083300 0.018700 0.050400 0.045300 0.000000 0.000000

50% 0.137900 0.166700 0.208300 0.048100 0.075600 0.074500 0.000000 0.003600

75% 0.206900 0.333300 0.375000 0.085600 0.121000 0.129900 0.003900 0.027700

max 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000

APARTMENTS\_MODE BASEMENTAREA\_MODE YEARS\_BEGINEXPLUATATION\_MODE YEARS\_BUILD\_MODE COMMONAREA\_MODE ELEVATORS\_MODE ENTRANCES\_MODE FLOORSMAX\_MODE \

count 151450.000000 127568.000000 157504.000000 103023.000000 92646.000000 143620.000000 152683.000000 154491.000000

mean 0.114231 0.087543 0.977065 0.759637 0.042553 0.074490 0.145193 0.222315

std 0.107936 0.084307 0.064575 0.110111 0.074445 0.132256 0.100977 0.143709

min 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

25% 0.052500 0.040700 0.976700 0.699400 0.007200 0.000000 0.069000 0.166700

50% 0.084000 0.074600 0.981600 0.764800 0.019000 0.000000 0.137900 0.166700

75% 0.143900 0.112400 0.986600 0.823600 0.049000 0.120800 0.206900 0.333300

max 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000

FLOORSMIN\_MODE LANDAREA\_MODE LIVINGAPARTMENTS\_MODE LIVINGAREA\_MODE NONLIVINGAPARTMENTS\_MODE NONLIVINGAREA\_MODE APARTMENTS\_MEDI \

count 98869.000000 124921.000000 97312.000000 153161.000000 93997.000000 137829.000000 151450.000000

mean 0.228058 0.064958 0.105645 0.105975 0.008076 0.027022 0.117850

std 0.161160 0.081750 0.097880 0.111845 0.046276 0.070254 0.109076

min 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

25% 0.083300 0.016600 0.054200 0.042700 0.000000 0.000000 0.058300

50% 0.208300 0.045800 0.077100 0.073100 0.000000 0.001100 0.086400

75% 0.375000 0.084100 0.131300 0.125200 0.003900 0.023100 0.148900

max 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000

BASEMENTAREA\_MEDI YEARS\_BEGINEXPLUATATION\_MEDI YEARS\_BUILD\_MEDI COMMONAREA\_MEDI ELEVATORS\_MEDI ENTRANCES\_MEDI FLOORSMAX\_MEDI FLOORSMIN\_MEDI \

count 127568.000000 157504.000000 103023.000000 92646.000000 143620.000000 152683.000000 154491.000000 98869.000000

mean 0.087955 0.977752 0.755746 0.044595 0.078078 0.149213 0.225897 0.231625

std 0.082179 0.059897 0.112066 0.076144 0.134467 0.100368 0.145067 0.161934

min 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

25% 0.043700 0.976700 0.691400 0.007900 0.000000 0.069000 0.166700 0.083300

50% 0.075800 0.981600 0.758500 0.020800 0.000000 0.137900 0.166700 0.208300

75% 0.111600 0.986600 0.825600 0.051300 0.120000 0.206900 0.333300 0.375000

max 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000

LANDAREA\_MEDI LIVINGAPARTMENTS\_MEDI LIVINGAREA\_MEDI NONLIVINGAPARTMENTS\_MEDI NONLIVINGAREA\_MEDI TOTALAREA\_MODE OBS\_30\_CNT\_SOCIAL\_CIRCLE \

count 124921.000000 97312.000000 153161.000000 93997.000000 137829.000000 159080.000000 306490.000000

mean 0.067169 0.101954 0.108607 0.008651 0.028236 0.102547 1.422245

std 0.082167 0.093642 0.112260 0.047415 0.070166 0.107462 2.400989

min 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

25% 0.018700 0.051300 0.045700 0.000000 0.000000 0.041200 0.000000

50% 0.048700 0.076100 0.074900 0.000000 0.003100 0.068800 0.000000

75% 0.086800 0.123100 0.130300 0.003900 0.026600 0.127600 2.000000

max 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 **348**.000000

DEF\_30\_CNT\_SOCIAL\_CIRCLE OBS\_60\_CNT\_SOCIAL\_CIRCLE DEF\_60\_CNT\_SOCIAL\_CIRCLE DAYS\_LAST\_PHONE\_CHANGE FLAG\_DOCUMENT\_2 FLAG\_DOCUMENT\_3 \

count 306490.000000 306490.000000 306490.000000 307510.000000 307511.000000 307511.000000

mean 0.143421 1.405292 0.100049 -962.858788 0.000042 0.710023

std 0.446698 2.379803 0.362291 826.808487 0.006502 0.453752

min 0.000000 0.000000 0.000000 -4292.000000 0.000000 0.000000

25% 0.000000 0.000000 0.000000 -1570.000000 0.000000 0.000000

50% 0.000000 0.000000 0.000000 -757.000000 0.000000 1.000000

75% 0.000000 2.000000 0.000000 -274.000000 0.000000 1.000000

max 34.000000 **344**.000000 24.000000 0.000000 1.000000 1.000000

FLAG\_DOCUMENT\_4 FLAG\_DOCUMENT\_5 FLAG\_DOCUMENT\_6 FLAG\_DOCUMENT\_7 FLAG\_DOCUMENT\_8 FLAG\_DOCUMENT\_9 FLAG\_DOCUMENT\_10 FLAG\_DOCUMENT\_11 \

count 307511.000000 307511.000000 307511.000000 307511.000000 307511.000000 307511.000000 307511.000000 307511.000000

mean 0.000081 0.015115 0.088055 0.000192 0.081376 0.003896 0.000023 0.003912

std 0.009016 0.122010 0.283376 0.013850 0.273412 0.062295 0.004771 0.062424

min 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

25% 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

50% 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

75% 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

max 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000

FLAG\_DOCUMENT\_12 FLAG\_DOCUMENT\_13 FLAG\_DOCUMENT\_14 FLAG\_DOCUMENT\_15 FLAG\_DOCUMENT\_16 FLAG\_DOCUMENT\_17 FLAG\_DOCUMENT\_18 FLAG\_DOCUMENT\_19 \

count 307511.000000 307511.000000 307511.000000 307511.00000 307511.000000 307511.000000 307511.000000 307511.000000

mean 0.000007 0.003525 0.002936 0.00121 0.009928 0.000267 0.008130 0.000595

std 0.002550 0.059268 0.054110 0.03476 0.099144 0.016327 0.089798 0.024387

min 0.000000 0.000000 0.000000 0.00000 0.000000 0.000000 0.000000 0.000000

25% 0.000000 0.000000 0.000000 0.00000 0.000000 0.000000 0.000000 0.000000

50% 0.000000 0.000000 0.000000 0.00000 0.000000 0.000000 0.000000 0.000000

75% 0.000000 0.000000 0.000000 0.00000 0.000000 0.000000 0.000000 0.000000

max 1.000000 1.000000 1.000000 1.00000 1.000000 1.000000 1.000000 1.000000

FLAG\_DOCUMENT\_20 FLAG\_DOCUMENT\_21 AMT\_REQ\_CREDIT\_BUREAU\_HOUR AMT\_REQ\_CREDIT\_BUREAU\_DAY AMT\_REQ\_CREDIT\_BUREAU\_WEEK AMT\_REQ\_CREDIT\_BUREAU\_MON \

count 307511.000000 307511.000000 265992.000000 265992.000000 265992.000000 265992.000000

mean 0.000507 0.000335 0.006402 0.007000 0.034362 0.267395

std 0.022518 0.018299 0.083849 0.110757 0.204685 0.916002

min 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

25% 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

50% 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

75% 0.000000 0.000000 0.000000 0.000000 0.000000 0.000000

max 1.000000 1.000000 4.000000 9.000000 8.000000 27.000000

AMT\_REQ\_CREDIT\_BUREAU\_QRT AMT\_REQ\_CREDIT\_BUREAU\_YEAR

count 265992.000000 265992.000000

mean 0.265474 1.899974

std 0.794056 1.869295

min 0.000000 0.000000

25% 0.000000 0.000000

50% 0.000000 1.000000

75% 0.000000 3.000000

max 261.000000 25.000000

**bureau.csv**

SK\_ID\_CURR SK\_ID\_BUREAU DAYS\_CREDIT CREDIT\_DAY\_OVERDUE DAYS\_CREDIT\_ENDDATE DAYS\_ENDDATE\_FACT AMT\_CREDIT\_MAX\_OVERDUE CNT\_CREDIT\_PROLONG \

count 1.716428e+06 1.716428e+06 1.716428e+06 1.716428e+06 1.610875e+06 1.082775e+06 5.919400e+05 1.716428e+06

mean 2.782149e+05 5.924434e+06 -1.142108e+03 8.181666e-01 5.105174e+02 -1.017437e+03 3.825418e+03 6.410406e-03

std 1.029386e+05 5.322657e+05 7.951649e+02 3.654443e+01 4.994220e+03 7.140106e+02 2.060316e+05 9.622391e-02

min 1.000010e+05 5.000000e+06 -2.922000e+03 0.000000e+00 -4.206000e+04 -4.202300e+04 0.000000e+00 0.000000e+00

25% 1.888668e+05 5.463954e+06 -1.666000e+03 0.000000e+00 -1.138000e+03 -1.489000e+03 0.000000e+00 0.000000e+00

50% 2.780550e+05 5.926304e+06 -9.870000e+02 0.000000e+00 -3.300000e+02 -8.970000e+02 0.000000e+00 0.000000e+00

75% 3.674260e+05 6.385681e+06 -4.740000e+02 0.000000e+00 4.740000e+02 -4.250000e+02 0.000000e+00 0.000000e+00

max 4.562550e+05 6.843457e+06 0.000000e+00 2.792000e+03 3.119900e+04 0.000000e+00 1.159872e+08 9.000000e+00

AMT\_CREDIT\_SUM AMT\_CREDIT\_SUM\_DEBT AMT\_CREDIT\_SUM\_LIMIT AMT\_CREDIT\_SUM\_OVERDUE DAYS\_CREDIT\_UPDATE AMT\_ANNUITY

count 1.716415e+06 1.458759e+06 1.124648e+06 1.716428e+06 1.716428e+06 4.896370e+05

mean 3.549946e+05 1.370851e+05 6.229515e+03 3.791276e+01 -5.937483e+02 1.571276e+04

std 1.149811e+06 6.774011e+05 4.503203e+04 5.937650e+03 7.207473e+02 3.258269e+05

min 0.000000e+00 -4.705600e+06 -5.864061e+05 0.000000e+00 -4.194700e+04 0.000000e+00

25% 5.130000e+04 0.000000e+00 0.000000e+00 0.000000e+00 -9.080000e+02 0.000000e+00

50% 1.255185e+05 0.000000e+00 0.000000e+00 0.000000e+00 -3.950000e+02 0.000000e+00

75% 3.150000e+05 4.015350e+04 0.000000e+00 0.000000e+00 -3.300000e+01 1.350000e+04

max 5.850000e+08 1.701000e+08 4.705600e+06 3.756681e+06 3.720000e+02 1.184534e+08

**bureau\_balance.csv**

SK\_ID\_BUREAU MONTHS\_BALANCE

count 2.729992e+07 2.729992e+07

mean 6.036297e+06 -3.074169e+01

std 4.923489e+05 2.386451e+01

min 5.001709e+06 -9.600000e+01

25% 5.730933e+06 -4.600000e+01

50% 6.070821e+06 -2.500000e+01

75% 6.431951e+06 -1.100000e+01

max 6.842888e+06 0.000000e+00

**credit\_card\_balance.csv**

SK\_ID\_PREV SK\_ID\_CURR MONTHS\_BALANCE AMT\_BALANCE AMT\_CREDIT\_LIMIT\_ACTUAL AMT\_DRAWINGS\_ATM\_CURRENT AMT\_DRAWINGS\_CURRENT \

count 3.840312e+06 3.840312e+06 3.840312e+06 3.840312e+06 3.840312e+06 3.090496e+06 3.840312e+06

mean 1.904504e+06 2.783242e+05 -3.452192e+01 5.830016e+04 1.538080e+05 5.961325e+03 7.433388e+03

std 5.364695e+05 1.027045e+05 2.666775e+01 1.063070e+05 1.651457e+05 2.822569e+04 3.384608e+04

min 1.000018e+06 1.000060e+05 -9.600000e+01 -4.202502e+05 0.000000e+00 -6.827310e+03 -6.211620e+03

25% 1.434385e+06 1.895170e+05 -5.500000e+01 0.000000e+00 4.500000e+04 0.000000e+00 0.000000e+00

50% 1.897122e+06 2.783960e+05 -2.800000e+01 0.000000e+00 1.125000e+05 0.000000e+00 0.000000e+00

75% 2.369328e+06 3.675800e+05 -1.100000e+01 8.904669e+04 1.800000e+05 0.000000e+00 0.000000e+00

max 2.843496e+06 4.562500e+05 -1.000000e+00 1.505902e+06 1.350000e+06 2.115000e+06 2.287098e+06

AMT\_DRAWINGS\_OTHER\_CURRENT AMT\_DRAWINGS\_POS\_CURRENT AMT\_INST\_MIN\_REGULARITY AMT\_PAYMENT\_CURRENT AMT\_PAYMENT\_TOTAL\_CURRENT \

count 3.090496e+06 3.090496e+06 3.535076e+06 3.072324e+06 3.840312e+06

mean 2.881696e+02 2.968805e+03 3.540204e+03 1.028054e+04 7.588857e+03

std 8.201989e+03 2.079689e+04 5.600154e+03 3.607808e+04 3.200599e+04

min 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

25% 0.000000e+00 0.000000e+00 0.000000e+00 1.523700e+02 0.000000e+00

50% 0.000000e+00 0.000000e+00 0.000000e+00 2.702700e+03 0.000000e+00

75% 0.000000e+00 0.000000e+00 6.633911e+03 9.000000e+03 6.750000e+03

max 1.529847e+06 2.239274e+06 2.028820e+05 4.289207e+06 4.278316e+06

AMT\_RECEIVABLE\_PRINCIPAL AMT\_RECIVABLE AMT\_TOTAL\_RECEIVABLE CNT\_DRAWINGS\_ATM\_CURRENT CNT\_DRAWINGS\_CURRENT CNT\_DRAWINGS\_OTHER\_CURRENT \

count 3.840312e+06 3.840312e+06 3.840312e+06 3.090496e+06 3.840312e+06 3.090496e+06

mean 5.596588e+04 5.808881e+04 5.809829e+04 3.094490e-01 7.031439e-01 4.812496e-03

std 1.025336e+05 1.059654e+05 1.059718e+05 1.100401e+00 3.190347e+00 8.263861e-02

min -4.233058e+05 -4.202502e+05 -4.202502e+05 0.000000e+00 0.000000e+00 0.000000e+00

25% 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

50% 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

75% 8.535924e+04 8.889949e+04 8.891451e+04 0.000000e+00 0.000000e+00 0.000000e+00

max 1.472317e+06 1.493338e+06 1.493338e+06 5.100000e+01 1.650000e+02 1.200000e+01

CNT\_DRAWINGS\_POS\_CURRENT CNT\_INSTALMENT\_MATURE\_CUM SK\_DPD SK\_DPD\_DEF

count 3.090496e+06 3.535076e+06 3.840312e+06 3.840312e+06

mean 5.594791e-01 2.082508e+01 9.283667e+00 3.316220e-01

std 3.240649e+00 2.005149e+01 9.751570e+01 2.147923e+01

min 0.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

25% 0.000000e+00 4.000000e+00 0.000000e+00 0.000000e+00

50% 0.000000e+00 1.500000e+01 0.000000e+00 0.000000e+00

75% 0.000000e+00 3.200000e+01 0.000000e+00 0.000000e+00

max 1.650000e+02 1.200000e+02 3.260000e+03 3.260000e+03

**installments\_payments.csv**

SK\_ID\_PREV SK\_ID\_CURR NUM\_INSTALMENT\_VERSION NUM\_INSTALMENT\_NUMBER DAYS\_INSTALMENT DAYS\_ENTRY\_PAYMENT AMT\_INSTALMENT AMT\_PAYMENT

count 1.360540e+07 1.360540e+07 1.360540e+07 1.360540e+07 1.360540e+07 1.360250e+07 1.360540e+07 1.360250e+07

mean 1.903365e+06 2.784449e+05 8.566373e-01 1.887090e+01 -1.042270e+03 -1.051114e+03 1.705091e+04 1.723822e+04

std 5.362029e+05 1.027183e+05 1.035216e+00 2.666407e+01 8.009463e+02 8.005859e+02 5.057025e+04 5.473578e+04

min 1.000001e+06 1.000010e+05 0.000000e+00 1.000000e+00 -2.922000e+03 -4.921000e+03 0.000000e+00 0.000000e+00

25% 1.434191e+06 1.896390e+05 0.000000e+00 4.000000e+00 -1.654000e+03 -1.662000e+03 4.226085e+03 3.398265e+03

50% 1.896520e+06 2.786850e+05 1.000000e+00 8.000000e+00 -8.180000e+02 -8.270000e+02 8.884080e+03 8.125515e+03

75% 2.369094e+06 3.675300e+05 1.000000e+00 1.900000e+01 -3.610000e+02 -3.700000e+02 1.671021e+04 1.610842e+04

max 2.843499e+06 4.562550e+05 1.780000e+02 2.770000e+02 -1.000000e+00 -1.000000e+00 3.771488e+06 3.771488e+06

**POS\_CASH\_balance.csv**

SK\_ID\_PREV SK\_ID\_CURR MONTHS\_BALANCE CNT\_INSTALMENT CNT\_INSTALMENT\_FUTURE SK\_DPD SK\_DPD\_DEF

count 1.000136e+07 1.000136e+07 1.000136e+07 9.975287e+06 9.975271e+06 1.000136e+07 1.000136e+07

mean 1.903217e+06 2.784039e+05 -3.501259e+01 1.708965e+01 1.048384e+01 1.160693e+01 6.544684e-01

std 5.358465e+05 1.027637e+05 2.606657e+01 1.199506e+01 1.110906e+01 1.327140e+02 3.276249e+01

min 1.000001e+06 1.000010e+05 -9.600000e+01 1.000000e+00 0.000000e+00 0.000000e+00 0.000000e+00

25% 1.434405e+06 1.895500e+05 -5.400000e+01 1.000000e+01 3.000000e+00 0.000000e+00 0.000000e+00

50% 1.896565e+06 2.786540e+05 -2.800000e+01 1.200000e+01 7.000000e+00 0.000000e+00 0.000000e+00

75% 2.368963e+06 3.674290e+05 -1.300000e+01 2.400000e+01 1.400000e+01 0.000000e+00 0.000000e+00

max 2.843499e+06 4.562550e+05 -1.000000e+00 9.200000e+01 8.500000e+01 4.231000e+03 3.595000e+03

**previous\_application.csv**

SK\_ID\_PREV SK\_ID\_CURR AMT\_ANNUITY AMT\_APPLICATION AMT\_CREDIT AMT\_DOWN\_PAYMENT AMT\_GOODS\_PRICE HOUR\_APPR\_PROCESS\_START \

count 1.670214e+06 1.670214e+06 1.297979e+06 1.670214e+06 1.670213e+06 7.743700e+05 1.284699e+06 1.670214e+06

mean 1.923089e+06 2.783572e+05 1.595512e+04 1.752339e+05 1.961140e+05 6.697402e+03 2.278473e+05 1.248418e+01

std 5.325980e+05 1.028148e+05 1.478214e+04 2.927798e+05 3.185746e+05 2.092150e+04 3.153966e+05 3.334028e+00

min 1.000001e+06 1.000010e+05 0.000000e+00 0.000000e+00 0.000000e+00 -9.000000e-01 0.000000e+00 0.000000e+00

25% 1.461857e+06 1.893290e+05 6.321780e+03 1.872000e+04 2.416050e+04 0.000000e+00 5.084100e+04 1.000000e+01

50% 1.923110e+06 2.787145e+05 1.125000e+04 7.104600e+04 8.054100e+04 1.638000e+03 1.123200e+05 1.200000e+01

75% 2.384280e+06 3.675140e+05 2.065842e+04 1.803600e+05 2.164185e+05 7.740000e+03 2.340000e+05 1.500000e+01

max 2.845382e+06 4.562550e+05 4.180581e+05 6.905160e+06 6.905160e+06 3.060045e+06 6.905160e+06 2.300000e+01

NFLAG\_LAST\_APPL\_IN\_DAY RATE\_DOWN\_PAYMENT RATE\_INTEREST\_PRIMARY RATE\_INTEREST\_PRIVILEGED DAYS\_DECISION SELLERPLACE\_AREA CNT\_PAYMENT \

count 1.670214e+06 774370.000000 5951.000000 5951.000000 1.670214e+06 1.670214e+06 1.297984e+06

mean 9.964675e-01 0.079637 0.188357 0.773503 -8.806797e+02 3.139511e+02 1.605408e+01

std 5.932963e-02 0.107823 0.087671 0.100879 7.790997e+02 7.127443e+03 1.456729e+01

min 0.000000e+00 -0.000015 0.034781 0.373150 -2.922000e+03 -1.000000e+00 0.000000e+00

25% 1.000000e+00 0.000000 0.160716 0.715645 -1.300000e+03 -1.000000e+00 6.000000e+00

50% 1.000000e+00 0.051605 0.189122 0.835095 -5.810000e+02 3.000000e+00 1.200000e+01

75% 1.000000e+00 0.108909 0.193330 0.852537 -2.800000e+02 8.200000e+01 2.400000e+01

max 1.000000e+00 1.000000 1.000000 1.000000 -1.000000e+00 4.000000e+06 8.400000e+01

DAYS\_FIRST\_DRAWING DAYS\_FIRST\_DUE DAYS\_LAST\_DUE\_1ST\_VERSION DAYS\_LAST\_DUE DAYS\_TERMINATION NFLAG\_INSURED\_ON\_APPROVAL

count 997149.000000 997149.000000 997149.000000 997149.000000 997149.000000 997149.000000

mean 342209.855039 13826.269337 33767.774054 76582.403064 81992.343838 0.332570

std 88916.115834 72444.869708 106857.034789 149647.415123 153303.516729 0.471134

min -2922.000000 -2892.000000 -2801.000000 -2889.000000 -2874.000000 0.000000

25% 365243.000000 -1628.000000 -1242.000000 -1314.000000 -1270.000000 0.000000

50% 365243.000000 -831.000000 -361.000000 -537.000000 -499.000000 0.000000

75% 365243.000000 -411.000000 129.000000 -74.000000 -44.000000 1.000000

max **365243**.000000 **365243**.000000 **365243**.000000 **365243**.000000 **365243**.000000 1.000000