# Summary of Unique Counts

## Dataset: df\_final

Unique users: 700111

Unique apps: 10173

Total ratings: 19140672

## Dataset: df\_240

Unique users: 700351

Unique apps: 10173

Total ratings: 19191537

## Dataset: df\_528

Unique users: 700639

Unique apps: 10173

Total ratings: 19252575

## Dataset: df\_1056

Unique users: 701167

Unique apps: 10173

Total ratings: 19364478

# Detailed Category-wise Sanity Check (Expected vs Actual Points)

## Dataset: df\_240

Fictitious users per category: 5

Action → 529 apps, 5 synthetic users → Expected: 2645, Found: 1363796

Adventure → 397 apps, 5 synthetic users → Expected: 1985, Found: 610863

Arcade → 264 apps, 5 synthetic users → Expected: 1320, Found: 553284

Art & Design → 54 apps, 5 synthetic users → Expected: 270, Found: 72876

Auto & Vehicles → 46 apps, 5 synthetic users → Expected: 230, Found: 66725

Beauty → 21 apps, 5 synthetic users → Expected: 105, Found: 26379

Board → 154 apps, 5 synthetic users → Expected: 770, Found: 253639

Books & Reference → 107 apps, 5 synthetic users → Expected: 535, Found: 214218

Business → 153 apps, 5 synthetic users → Expected: 765, Found: 345438

Card → 187 apps, 5 synthetic users → Expected: 935, Found: 287089

Casino → 199 apps, 5 synthetic users → Expected: 995, Found: 446950

Casual → 432 apps, 5 synthetic users → Expected: 2160, Found: 909981

Comics → 38 apps, 5 synthetic users → Expected: 190, Found: 79245

Communication → 125 apps, 5 synthetic users → Expected: 625, Found: 419276

Dating → 234 apps, 5 synthetic users → Expected: 1170, Found: 327858

Education → 429 apps, 5 synthetic users → Expected: 2145, Found: 457617

Educational → 420 apps, 5 synthetic users → Expected: 2100, Found: 309426

Entertainment → 216 apps, 5 synthetic users → Expected: 1080, Found: 516505

Events → 18 apps, 5 synthetic users → Expected: 90, Found: 23846

Finance → 254 apps, 5 synthetic users → Expected: 1270, Found: 672669

Food & Drink → 151 apps, 5 synthetic users → Expected: 755, Found: 311317

Health & Fitness → 148 apps, 5 synthetic users → Expected: 740, Found: 379650

House & Home → 77 apps, 5 synthetic users → Expected: 385, Found: 92827

Libraries & Demo → 176 apps, 5 synthetic users → Expected: 880, Found: 99341

Lifestyle → 143 apps, 5 synthetic users → Expected: 715, Found: 338386

Maps & Navigation → 92 apps, 5 synthetic users → Expected: 460, Found: 138250

Medical → 422 apps, 5 synthetic users → Expected: 2110, Found: 306777

Music → 86 apps, 5 synthetic users → Expected: 430, Found: 136056

Music & Audio → 175 apps, 5 synthetic users → Expected: 875, Found: 441501

News & Magazines → 69 apps, 5 synthetic users → Expected: 345, Found: 140654

Parenting → 71 apps, 5 synthetic users → Expected: 355, Found: 52550

Personalization → 120 apps, 5 synthetic users → Expected: 600, Found: 161972

Photography → 114 apps, 5 synthetic users → Expected: 570, Found: 305141

Productivity → 260 apps, 5 synthetic users → Expected: 1300, Found: 563726

Puzzle → 537 apps, 5 synthetic users → Expected: 2685, Found: 950403

Racing → 141 apps, 5 synthetic users → Expected: 705, Found: 378416

Role Playing → 658 apps, 5 synthetic users → Expected: 3290, Found: 1315672

Shopping → 223 apps, 5 synthetic users → Expected: 1115, Found: 571769

Simulation → 537 apps, 5 synthetic users → Expected: 2685, Found: 1018555

Social → 119 apps, 5 synthetic users → Expected: 595, Found: 352721

Sports → 289 apps, 5 synthetic users → Expected: 1445, Found: 619902

Strategy → 520 apps, 5 synthetic users → Expected: 2600, Found: 958820

Tools → 214 apps, 5 synthetic users → Expected: 1070, Found: 521817

Travel & Local → 228 apps, 5 synthetic users → Expected: 1140, Found: 340845

Trivia → 32 apps, 5 synthetic users → Expected: 160, Found: 59781

Video Players & Editors → 94 apps, 5 synthetic users → Expected: 470, Found: 276138

Weather → 51 apps, 5 synthetic users → Expected: 255, Found: 98305

Word → 149 apps, 5 synthetic users → Expected: 745, Found: 302565

## Dataset: df\_528

Fictitious users per category: 11

Action → 529 apps, 11 synthetic users → Expected: 5819, Found: 1366970

Adventure → 397 apps, 11 synthetic users → Expected: 4367, Found: 613245

Arcade → 264 apps, 11 synthetic users → Expected: 2904, Found: 554868

Art & Design → 54 apps, 11 synthetic users → Expected: 594, Found: 73200

Auto & Vehicles → 46 apps, 11 synthetic users → Expected: 506, Found: 67001

Beauty → 21 apps, 11 synthetic users → Expected: 231, Found: 26505

Board → 154 apps, 11 synthetic users → Expected: 1694, Found: 254563

Books & Reference → 107 apps, 11 synthetic users → Expected: 1177, Found: 214860

Business → 153 apps, 11 synthetic users → Expected: 1683, Found: 346356

Card → 187 apps, 11 synthetic users → Expected: 2057, Found: 288211

Casino → 199 apps, 11 synthetic users → Expected: 2189, Found: 448144

Casual → 432 apps, 11 synthetic users → Expected: 4752, Found: 912573

Comics → 38 apps, 11 synthetic users → Expected: 418, Found: 79473

Communication → 125 apps, 11 synthetic users → Expected: 1375, Found: 420026

Dating → 234 apps, 11 synthetic users → Expected: 2574, Found: 329262

Education → 429 apps, 11 synthetic users → Expected: 4719, Found: 460191

Educational → 420 apps, 11 synthetic users → Expected: 4620, Found: 311946

Entertainment → 216 apps, 11 synthetic users → Expected: 2376, Found: 517801

Events → 18 apps, 11 synthetic users → Expected: 198, Found: 23954

Finance → 254 apps, 11 synthetic users → Expected: 2794, Found: 674193

Food & Drink → 151 apps, 11 synthetic users → Expected: 1661, Found: 312223

Health & Fitness → 148 apps, 11 synthetic users → Expected: 1628, Found: 380538

House & Home → 77 apps, 11 synthetic users → Expected: 847, Found: 93289

Libraries & Demo → 176 apps, 11 synthetic users → Expected: 1936, Found: 100397

Lifestyle → 143 apps, 11 synthetic users → Expected: 1573, Found: 339244

Maps & Navigation → 92 apps, 11 synthetic users → Expected: 1012, Found: 138802

Medical → 422 apps, 11 synthetic users → Expected: 4642, Found: 309309

Music → 86 apps, 11 synthetic users → Expected: 946, Found: 136572

Music & Audio → 175 apps, 11 synthetic users → Expected: 1925, Found: 442551

News & Magazines → 69 apps, 11 synthetic users → Expected: 759, Found: 141068

Parenting → 71 apps, 11 synthetic users → Expected: 781, Found: 52976

Personalization → 120 apps, 11 synthetic users → Expected: 1320, Found: 162692

Photography → 114 apps, 11 synthetic users → Expected: 1254, Found: 305825

Productivity → 260 apps, 11 synthetic users → Expected: 2860, Found: 565286

Puzzle → 537 apps, 11 synthetic users → Expected: 5907, Found: 953625

Racing → 141 apps, 11 synthetic users → Expected: 1551, Found: 379262

Role Playing → 658 apps, 11 synthetic users → Expected: 7238, Found: 1319620

Shopping → 223 apps, 11 synthetic users → Expected: 2453, Found: 573107

Simulation → 537 apps, 11 synthetic users → Expected: 5907, Found: 1021777

Social → 119 apps, 11 synthetic users → Expected: 1309, Found: 353435

Sports → 289 apps, 11 synthetic users → Expected: 3179, Found: 621636

Strategy → 520 apps, 11 synthetic users → Expected: 5720, Found: 961940

Tools → 214 apps, 11 synthetic users → Expected: 2354, Found: 523101

Travel & Local → 228 apps, 11 synthetic users → Expected: 2508, Found: 342213

Trivia → 32 apps, 11 synthetic users → Expected: 352, Found: 59973

Video Players & Editors → 94 apps, 11 synthetic users → Expected: 1034, Found: 276702

Weather → 51 apps, 11 synthetic users → Expected: 561, Found: 98611

Word → 149 apps, 11 synthetic users → Expected: 1639, Found: 303459

## Dataset: df\_1056

Fictitious users per category: 22

Action → 529 apps, 22 synthetic users → Expected: 11638, Found: 1372789

Adventure → 397 apps, 22 synthetic users → Expected: 8734, Found: 617612

Arcade → 264 apps, 22 synthetic users → Expected: 5808, Found: 557772

Art & Design → 54 apps, 22 synthetic users → Expected: 1188, Found: 73794

Auto & Vehicles → 46 apps, 22 synthetic users → Expected: 1012, Found: 67507

Beauty → 21 apps, 22 synthetic users → Expected: 462, Found: 26736

Board → 154 apps, 22 synthetic users → Expected: 3388, Found: 256257

Books & Reference → 107 apps, 22 synthetic users → Expected: 2354, Found: 216037

Business → 153 apps, 22 synthetic users → Expected: 3366, Found: 348039

Card → 187 apps, 22 synthetic users → Expected: 4114, Found: 290268

Casino → 199 apps, 22 synthetic users → Expected: 4378, Found: 450333

Casual → 432 apps, 22 synthetic users → Expected: 9504, Found: 917325

Comics → 38 apps, 22 synthetic users → Expected: 836, Found: 79891

Communication → 125 apps, 22 synthetic users → Expected: 2750, Found: 421401

Dating → 234 apps, 22 synthetic users → Expected: 5148, Found: 331836

Education → 429 apps, 22 synthetic users → Expected: 9438, Found: 464910

Educational → 420 apps, 22 synthetic users → Expected: 9240, Found: 316566

Entertainment → 216 apps, 22 synthetic users → Expected: 4752, Found: 520177

Events → 18 apps, 22 synthetic users → Expected: 396, Found: 24152

Finance → 254 apps, 22 synthetic users → Expected: 5588, Found: 676987

Food & Drink → 151 apps, 22 synthetic users → Expected: 3322, Found: 313884

Health & Fitness → 148 apps, 22 synthetic users → Expected: 3256, Found: 382166

House & Home → 77 apps, 22 synthetic users → Expected: 1694, Found: 94136

Libraries & Demo → 176 apps, 22 synthetic users → Expected: 3872, Found: 102333

Lifestyle → 143 apps, 22 synthetic users → Expected: 3146, Found: 340817

Maps & Navigation → 92 apps, 22 synthetic users → Expected: 2024, Found: 139814

Medical → 422 apps, 22 synthetic users → Expected: 9284, Found: 313951

Music → 86 apps, 22 synthetic users → Expected: 1892, Found: 137518

Music & Audio → 175 apps, 22 synthetic users → Expected: 3850, Found: 444476

News & Magazines → 69 apps, 22 synthetic users → Expected: 1518, Found: 141827

Parenting → 71 apps, 22 synthetic users → Expected: 1562, Found: 53757

Personalization → 120 apps, 22 synthetic users → Expected: 2640, Found: 164012

Photography → 114 apps, 22 synthetic users → Expected: 2508, Found: 307079

Productivity → 260 apps, 22 synthetic users → Expected: 5720, Found: 568146

Puzzle → 537 apps, 22 synthetic users → Expected: 11814, Found: 959532

Racing → 141 apps, 22 synthetic users → Expected: 3102, Found: 380813

Role Playing → 658 apps, 22 synthetic users → Expected: 14476, Found: 1326858

Shopping → 223 apps, 22 synthetic users → Expected: 4906, Found: 575560

Simulation → 537 apps, 22 synthetic users → Expected: 11814, Found: 1027684

Social → 119 apps, 22 synthetic users → Expected: 2618, Found: 354744

Sports → 289 apps, 22 synthetic users → Expected: 6358, Found: 624815

Strategy → 520 apps, 22 synthetic users → Expected: 11440, Found: 967660

Tools → 214 apps, 22 synthetic users → Expected: 4708, Found: 525455

Travel & Local → 228 apps, 22 synthetic users → Expected: 5016, Found: 344721

Trivia → 32 apps, 22 synthetic users → Expected: 704, Found: 60325

Video Players & Editors → 94 apps, 22 synthetic users → Expected: 2068, Found: 277736

Weather → 51 apps, 22 synthetic users → Expected: 1122, Found: 99172

Word → 149 apps, 22 synthetic users → Expected: 3278, Found: 305098

# Breakdown of Real vs Synthetic Ratings by Category

## DF\_240

Action → 529 apps, 5 synthetic users → real: 1361151, synthetic: 2645, total: 1363796

Adventure → 397 apps, 5 synthetic users → real: 608878, synthetic: 1985, total: 610863

Arcade → 264 apps, 5 synthetic users → real: 551964, synthetic: 1320, total: 553284

Art & Design → 54 apps, 5 synthetic users → real: 72606, synthetic: 270, total: 72876

Auto & Vehicles → 46 apps, 5 synthetic users → real: 66495, synthetic: 230, total: 66725

Beauty → 21 apps, 5 synthetic users → real: 26274, synthetic: 105, total: 26379

Board → 154 apps, 5 synthetic users → real: 252869, synthetic: 770, total: 253639

Books & Reference → 107 apps, 5 synthetic users → real: 213683, synthetic: 535, total: 214218

Business → 153 apps, 5 synthetic users → real: 344673, synthetic: 765, total: 345438

Card → 187 apps, 5 synthetic users → real: 286154, synthetic: 935, total: 287089

Casino → 199 apps, 5 synthetic users → real: 445955, synthetic: 995, total: 446950

Casual → 432 apps, 5 synthetic users → real: 907821, synthetic: 2160, total: 909981

Comics → 38 apps, 5 synthetic users → real: 79055, synthetic: 190, total: 79245

Communication → 125 apps, 5 synthetic users → real: 418651, synthetic: 625, total: 419276

Dating → 234 apps, 5 synthetic users → real: 326688, synthetic: 1170, total: 327858

Education → 429 apps, 5 synthetic users → real: 455472, synthetic: 2145, total: 457617

Educational → 420 apps, 5 synthetic users → real: 307326, synthetic: 2100, total: 309426

Entertainment → 216 apps, 5 synthetic users → real: 515425, synthetic: 1080, total: 516505

Events → 18 apps, 5 synthetic users → real: 23756, synthetic: 90, total: 23846

Finance → 254 apps, 5 synthetic users → real: 671399, synthetic: 1270, total: 672669

Food & Drink → 151 apps, 5 synthetic users → real: 310562, synthetic: 755, total: 311317

Health & Fitness → 148 apps, 5 synthetic users → real: 378910, synthetic: 740, total: 379650

House & Home → 77 apps, 5 synthetic users → real: 92442, synthetic: 385, total: 92827

Libraries & Demo → 176 apps, 5 synthetic users → real: 98461, synthetic: 880, total: 99341

Lifestyle → 143 apps, 5 synthetic users → real: 337671, synthetic: 715, total: 338386

Maps & Navigation → 92 apps, 5 synthetic users → real: 137790, synthetic: 460, total: 138250

Medical → 422 apps, 5 synthetic users → real: 304667, synthetic: 2110, total: 306777

Music → 86 apps, 5 synthetic users → real: 135626, synthetic: 430, total: 136056

Music & Audio → 175 apps, 5 synthetic users → real: 440626, synthetic: 875, total: 441501

News & Magazines → 69 apps, 5 synthetic users → real: 140309, synthetic: 345, total: 140654

Parenting → 71 apps, 5 synthetic users → real: 52195, synthetic: 355, total: 52550

Personalization → 120 apps, 5 synthetic users → real: 161372, synthetic: 600, total: 161972

Photography → 114 apps, 5 synthetic users → real: 304571, synthetic: 570, total: 305141

Productivity → 260 apps, 5 synthetic users → real: 562426, synthetic: 1300, total: 563726

Puzzle → 537 apps, 5 synthetic users → real: 947718, synthetic: 2685, total: 950403

Racing → 141 apps, 5 synthetic users → real: 377711, synthetic: 705, total: 378416

Role Playing → 658 apps, 5 synthetic users → real: 1312382, synthetic: 3290, total: 1315672

Shopping → 223 apps, 5 synthetic users → real: 570654, synthetic: 1115, total: 571769

Simulation → 537 apps, 5 synthetic users → real: 1015870, synthetic: 2685, total: 1018555

Social → 119 apps, 5 synthetic users → real: 352126, synthetic: 595, total: 352721

Sports → 289 apps, 5 synthetic users → real: 618457, synthetic: 1445, total: 619902

Strategy → 520 apps, 5 synthetic users → real: 956220, synthetic: 2600, total: 958820

Tools → 214 apps, 5 synthetic users → real: 520747, synthetic: 1070, total: 521817

Travel & Local → 228 apps, 5 synthetic users → real: 339705, synthetic: 1140, total: 340845

Trivia → 32 apps, 5 synthetic users → real: 59621, synthetic: 160, total: 59781

Video Players & Editors → 94 apps, 5 synthetic users → real: 275668, synthetic: 470, total: 276138

Weather → 51 apps, 5 synthetic users → real: 98050, synthetic: 255, total: 98305

Word → 149 apps, 5 synthetic users → real: 301820, synthetic: 745, total: 302565

## DF\_528

Action → 529 apps, 11 synthetic users → real: 1361151, synthetic: 5819, total: 1366970

Adventure → 397 apps, 11 synthetic users → real: 608878, synthetic: 4367, total: 613245

Arcade → 264 apps, 11 synthetic users → real: 551964, synthetic: 2904, total: 554868

Art & Design → 54 apps, 11 synthetic users → real: 72606, synthetic: 594, total: 73200

Auto & Vehicles → 46 apps, 11 synthetic users → real: 66495, synthetic: 506, total: 67001

Beauty → 21 apps, 11 synthetic users → real: 26274, synthetic: 231, total: 26505

Board → 154 apps, 11 synthetic users → real: 252869, synthetic: 1694, total: 254563

Books & Reference → 107 apps, 11 synthetic users → real: 213683, synthetic: 1177, total: 214860

Business → 153 apps, 11 synthetic users → real: 344673, synthetic: 1683, total: 346356

Card → 187 apps, 11 synthetic users → real: 286154, synthetic: 2057, total: 288211

Casino → 199 apps, 11 synthetic users → real: 445955, synthetic: 2189, total: 448144

Casual → 432 apps, 11 synthetic users → real: 907821, synthetic: 4752, total: 912573

Comics → 38 apps, 11 synthetic users → real: 79055, synthetic: 418, total: 79473

Communication → 125 apps, 11 synthetic users → real: 418651, synthetic: 1375, total: 420026

Dating → 234 apps, 11 synthetic users → real: 326688, synthetic: 2574, total: 329262

Education → 429 apps, 11 synthetic users → real: 455472, synthetic: 4719, total: 460191

Educational → 420 apps, 11 synthetic users → real: 307326, synthetic: 4620, total: 311946

Entertainment → 216 apps, 11 synthetic users → real: 515425, synthetic: 2376, total: 517801

Events → 18 apps, 11 synthetic users → real: 23756, synthetic: 198, total: 23954

Finance → 254 apps, 11 synthetic users → real: 671399, synthetic: 2794, total: 674193

Food & Drink → 151 apps, 11 synthetic users → real: 310562, synthetic: 1661, total: 312223

Health & Fitness → 148 apps, 11 synthetic users → real: 378910, synthetic: 1628, total: 380538

House & Home → 77 apps, 11 synthetic users → real: 92442, synthetic: 847, total: 93289

Libraries & Demo → 176 apps, 11 synthetic users → real: 98461, synthetic: 1936, total: 100397

Lifestyle → 143 apps, 11 synthetic users → real: 337671, synthetic: 1573, total: 339244

Maps & Navigation → 92 apps, 11 synthetic users → real: 137790, synthetic: 1012, total: 138802

Medical → 422 apps, 11 synthetic users → real: 304667, synthetic: 4642, total: 309309

Music → 86 apps, 11 synthetic users → real: 135626, synthetic: 946, total: 136572

Music & Audio → 175 apps, 11 synthetic users → real: 440626, synthetic: 1925, total: 442551

News & Magazines → 69 apps, 11 synthetic users → real: 140309, synthetic: 759, total: 141068

Parenting → 71 apps, 11 synthetic users → real: 52195, synthetic: 781, total: 52976

Personalization → 120 apps, 11 synthetic users → real: 161372, synthetic: 1320, total: 162692

Photography → 114 apps, 11 synthetic users → real: 304571, synthetic: 1254, total: 305825

Productivity → 260 apps, 11 synthetic users → real: 562426, synthetic: 2860, total: 565286

Puzzle → 537 apps, 11 synthetic users → real: 947718, synthetic: 5907, total: 953625

Racing → 141 apps, 11 synthetic users → real: 377711, synthetic: 1551, total: 379262

Role Playing → 658 apps, 11 synthetic users → real: 1312382, synthetic: 7238, total: 1319620

Shopping → 223 apps, 11 synthetic users → real: 570654, synthetic: 2453, total: 573107

Simulation → 537 apps, 11 synthetic users → real: 1015870, synthetic: 5907, total: 1021777

Social → 119 apps, 11 synthetic users → real: 352126, synthetic: 1309, total: 353435

Sports → 289 apps, 11 synthetic users → real: 618457, synthetic: 3179, total: 621636

Strategy → 520 apps, 11 synthetic users → real: 956220, synthetic: 5720, total: 961940

Tools → 214 apps, 11 synthetic users → real: 520747, synthetic: 2354, total: 523101

Travel & Local → 228 apps, 11 synthetic users → real: 339705, synthetic: 2508, total: 342213

Trivia → 32 apps, 11 synthetic users → real: 59621, synthetic: 352, total: 59973

Video Players & Editors → 94 apps, 11 synthetic users → real: 275668, synthetic: 1034, total: 276702

Weather → 51 apps, 11 synthetic users → real: 98050, synthetic: 561, total: 98611

Word → 149 apps, 11 synthetic users → real: 301820, synthetic: 1639, total: 303459

## DF\_1056

Action → 529 apps, 22 synthetic users → real: 1361151, synthetic: 11638, total: 1372789

Adventure → 397 apps, 22 synthetic users → real: 608878, synthetic: 8734, total: 617612

Arcade → 264 apps, 22 synthetic users → real: 551964, synthetic: 5808, total: 557772

Art & Design → 54 apps, 22 synthetic users → real: 72606, synthetic: 1188, total: 73794

Auto & Vehicles → 46 apps, 22 synthetic users → real: 66495, synthetic: 1012, total: 67507

Beauty → 21 apps, 22 synthetic users → real: 26274, synthetic: 462, total: 26736

Board → 154 apps, 22 synthetic users → real: 252869, synthetic: 3388, total: 256257

Books & Reference → 107 apps, 22 synthetic users → real: 213683, synthetic: 2354, total: 216037

Business → 153 apps, 22 synthetic users → real: 344673, synthetic: 3366, total: 348039

Card → 187 apps, 22 synthetic users → real: 286154, synthetic: 4114, total: 290268

Casino → 199 apps, 22 synthetic users → real: 445955, synthetic: 4378, total: 450333

Casual → 432 apps, 22 synthetic users → real: 907821, synthetic: 9504, total: 917325

Comics → 38 apps, 22 synthetic users → real: 79055, synthetic: 836, total: 79891

Communication → 125 apps, 22 synthetic users → real: 418651, synthetic: 2750, total: 421401

Dating → 234 apps, 22 synthetic users → real: 326688, synthetic: 5148, total: 331836

Education → 429 apps, 22 synthetic users → real: 455472, synthetic: 9438, total: 464910

Educational → 420 apps, 22 synthetic users → real: 307326, synthetic: 9240, total: 316566

Entertainment → 216 apps, 22 synthetic users → real: 515425, synthetic: 4752, total: 520177

Events → 18 apps, 22 synthetic users → real: 23756, synthetic: 396, total: 24152

Finance → 254 apps, 22 synthetic users → real: 671399, synthetic: 5588, total: 676987

Food & Drink → 151 apps, 22 synthetic users → real: 310562, synthetic: 3322, total: 313884

Health & Fitness → 148 apps, 22 synthetic users → real: 378910, synthetic: 3256, total: 382166

House & Home → 77 apps, 22 synthetic users → real: 92442, synthetic: 1694, total: 94136

Libraries & Demo → 176 apps, 22 synthetic users → real: 98461, synthetic: 3872, total: 102333

Lifestyle → 143 apps, 22 synthetic users → real: 337671, synthetic: 3146, total: 340817

Maps & Navigation → 92 apps, 22 synthetic users → real: 137790, synthetic: 2024, total: 139814

Medical → 422 apps, 22 synthetic users → real: 304667, synthetic: 9284, total: 313951

Music → 86 apps, 22 synthetic users → real: 135626, synthetic: 1892, total: 137518

Music & Audio → 175 apps, 22 synthetic users → real: 440626, synthetic: 3850, total: 444476

News & Magazines → 69 apps, 22 synthetic users → real: 140309, synthetic: 1518, total: 141827

Parenting → 71 apps, 22 synthetic users → real: 52195, synthetic: 1562, total: 53757

Personalization → 120 apps, 22 synthetic users → real: 161372, synthetic: 2640, total: 164012

Photography → 114 apps, 22 synthetic users → real: 304571, synthetic: 2508, total: 307079

Productivity → 260 apps, 22 synthetic users → real: 562426, synthetic: 5720, total: 568146

Puzzle → 537 apps, 22 synthetic users → real: 947718, synthetic: 11814, total: 959532

Racing → 141 apps, 22 synthetic users → real: 377711, synthetic: 3102, total: 380813

Role Playing → 658 apps, 22 synthetic users → real: 1312382, synthetic: 14476, total: 1326858

Shopping → 223 apps, 22 synthetic users → real: 570654, synthetic: 4906, total: 575560

Simulation → 537 apps, 22 synthetic users → real: 1015870, synthetic: 11814, total: 1027684

Social → 119 apps, 22 synthetic users → real: 352126, synthetic: 2618, total: 354744

Sports → 289 apps, 22 synthetic users → real: 618457, synthetic: 6358, total: 624815

Strategy → 520 apps, 22 synthetic users → real: 956220, synthetic: 11440, total: 967660

Tools → 214 apps, 22 synthetic users → real: 520747, synthetic: 4708, total: 525455

Travel & Local → 228 apps, 22 synthetic users → real: 339705, synthetic: 5016, total: 344721

Trivia → 32 apps, 22 synthetic users → real: 59621, synthetic: 704, total: 60325

Video Players & Editors → 94 apps, 22 synthetic users → real: 275668, synthetic: 2068, total: 277736

Weather → 51 apps, 22 synthetic users → real: 98050, synthetic: 1122, total: 99172

Word → 149 apps, 22 synthetic users → real: 301820, synthetic: 3278, total: 305098