

Yash Kapoor Assignment 5 Reports

Report 1: Total number of unique loan numbers generated with a printout (100 pts)

Total # of loans: 90

Loan number: 34189270

Loan number: 19486023

Loan number: 73624009

Loan number: 83246019

Loan number: 68724930

Loan number: 74891263

Loan number: 89760213

Loan number: 49087362

Loan number: 29748310

Loan number: 46830217

Loan number: 18420069

Loan number: 03768249

Loan number: 78046931

Loan number: 39107246

Loan number: 62073418

Loan number: 26409738

Loan number: 21807634

Loan number: 32847609

Loan number: 17264398

Loan number: 23164987

Loan number: 64029173

Loan number: 39247168

Loan number: 12463879

Loan number: 09638421

Loan number: 81624793

Loan number: 01729843

Loan number: 69120843

Loan number: 70439268

Loan number: 69827340

Loan number: 40023718

Loan number: 19278604

Loan number: 86197324

Loan number: 90846732

Loan number: 27836094

Loan number: 87946032

Loan number: 94168200

Loan number: 93624087

Loan number: 47983126

Loan number: 09824137

Loan number: 92387001

Loan number: 89471002

Loan number: 41987063

Loan number: 37691804
Loan number: 14923867
Loan number: 23764189
Loan number: 19842036
Loan number: 82649103
Loan number: 43971860
Loan number: 12649780
Loan number: 79841306
Loan number: 19468320
Loan number: 86720041
Loan number: 68207413
Loan number: 29347618
Loan number: 96374081
Loan number: 97321048
Loan number: 09238417
Loan number: 94078326
Loan number: 47860391
Loan number: 82613479
Loan number: 67231480
Loan number: 28049731
Loan number: 41309786
Loan number: 84603917
Loan number: 39421607
Loan number: 04382176
Loan number: 93746082
Loan number: 62980743
Loan number: 09681742
Loan number: 82019437
Loan number: 26473918
Loan number: 61389420
Loan number: 03764129
Loan number: 24683910
Loan number: 31096472
Loan number: 23714896
Loan number: 82649130
Loan number: 32960487
Loan number: 84273169
Loan number: 78423016
Loan number: 81936742
Loan number: 00782416
Loan number: 84197260
Loan number: 34026718
Loan number: 84006319
Loan number: 31286974
Loan number: 08146972
Loan number: 07318692
Loan number: 46387109
Loan number: 47231600

Report 2: The total size of all documents recieved from the API and

the average size of all documents across all loans (100 pts)

Total file size of all documents received (Bytes): 30188848

Average file size of all documents received (Bytes): 58848

Average filesize of 34189270: 71642 Bytes

Average filesize of 19486023: 69918 Bytes

Average filesize of 73624009: 66240 Bytes

Average filesize of 83246019: 50712 Bytes

Average filesize of 68724930: 65818 Bytes

Average filesize of 74891263: 71504 Bytes

Average filesize of 89760213: 62416 Bytes

Average filesize of 49087362: 46004 Bytes

Average filesize of 29748310: 51356 Bytes

Average filesize of 46830217: 56017 Bytes

Average filesize of 18420069: 65015 Bytes

Average filesize of 03768249: 43882 Bytes

Average filesize of 78046931: 64454 Bytes

Average filesize of 39107246: 51081 Bytes

Average filesize of 62073418: 50208 Bytes

Average filesize of 26409738: 27661 Bytes

Average filesize of 21807634: 100343 Bytes

Average filesize of 32847609: 49918 Bytes

Average filesize of 17264398: 53162 Bytes

Average filesize of 23164987: 49300 Bytes

Average filesize of 64029173: 55989 Bytes

Average filesize of 39247168: 32128 Bytes

Average filesize of 12463879: 61922 Bytes

Average filesize of 09638421: 72341 Bytes

Average filesize of 81624793: 43498 Bytes

Average filesize of 01729843: 48353 Bytes

Average filesize of 69120843: 74509 Bytes

Average filesize of 70439268: 42001 Bytes

Average filesize of 69827340: 53510 Bytes

Average filesize of 40023718: 61310 Bytes

Average filesize of 19278604: 42849 Bytes

Average filesize of 86197324: 45484 Bytes

Average filesize of 90846732: 56226 Bytes

Average filesize of 27836094: 75253 Bytes

Average filesize of 87946032: 72883 Bytes

Average filesize of 94168200: 97624 Bytes

Average filesize of 93624087: 67833 Bytes

Average filesize of 47983126: 67666 Bytes

Average filesize of 09824137: 54229 Bytes

Average filesize of 92387001: 58548 Bytes

Average filesize of 89471002: 65649 Bytes

Average filesize of 41987063: 42705 Bytes

Average filesize of 37691804: 58937 Bytes

Average filesize of 14923867: 54548 Bytes

Average filesize of 23764189: 54597 Bytes

Average filesize of 19842036: 43069 Bytes

Average filesize of 82649103: 60220 Bytes
Average filesize of 43971860: 79357 Bytes
Average filesize of 12649780: 60016 Bytes
Average filesize of 79841306: 55018 Bytes
Average filesize of 19468320: 48910 Bytes
Average filesize of 86720041: 78399 Bytes
Average filesize of 68207413: 43930 Bytes
Average filesize of 29347618: 55191 Bytes
Average filesize of 96374081: 66454 Bytes
Average filesize of 97321048: 60411 Bytes
Average filesize of 09238417: 68750 Bytes
Average filesize of 94078326: 76500 Bytes
Average filesize of 47860391: 62966 Bytes
Average filesize of 82613479: 60538 Bytes
Average filesize of 67231480: 46569 Bytes
Average filesize of 28049731: 54821 Bytes
Average filesize of 41309786: 49196 Bytes
Average filesize of 84603917: 56390 Bytes
Average filesize of 39421607: 60864 Bytes
Average filesize of 04382176: 57728 Bytes
Average filesize of 93746082: 56921 Bytes
Average filesize of 62980743: 67468 Bytes
Average filesize of 09681742: 43953 Bytes
Average filesize of 82019437: 48086 Bytes
Average filesize of 26473918: 60502 Bytes
Average filesize of 61389420: 56537 Bytes
Average filesize of 03764129: 74991 Bytes
Average filesize of 24683910: 67735 Bytes
Average filesize of 31096472: 33454 Bytes
Average filesize of 23714896: 71217 Bytes
Average filesize of 82649130: 48859 Bytes
Average filesize of 32960487: 36911 Bytes
Average filesize of 84273169: 63948 Bytes
Average filesize of 78423016: 57060 Bytes
Average filesize of 81936742: 51747 Bytes
Average filesize of 00782416: 78716 Bytes
Average filesize of 84197260: 54063 Bytes
Average filesize of 34026718: 52620 Bytes
Average filesize of 84006319: 56856 Bytes
Average filesize of 31286974: 79117 Bytes
Average filesize of 08146972: 65024 Bytes
Average filesize of 07318692: 56603 Bytes
Average filesize of 46387109: 68554 Bytes
Average filesize of 47231600: 8546 Bytes

Report 3: The total number of documents recieved and the average number of documents across all loan numbers. Compare each loan number to the average and state if it is above or below average (100 pts)

Total # of documents recieved: 513

Average # of files across all loans: ~5

Loan number 34189270 has 5 document(s), **average**
Loan number 19486023 has 9 document(s), **above average**
Loan number 73624009 has 6 document(s), **above average**
Loan number 83246019 has 10 document(s), **above average**
Loan number 68724930 has 2 document(s), **below average**
Loan number 74891263 has 7 document(s), **above average**
Loan number 89760213 has 9 document(s), **above average**
Loan number 49087362 has 2 document(s), **below average**
Loan number 29748310 has 3 document(s), **below average**
Loan number 46830217 has 8 document(s), **above average**
Loan number 18420069 has 8 document(s), **above average**
Loan number 03768249 has 7 document(s), **above average**
Loan number 78046931 has 3 document(s), **below average**
Loan number 39107246 has 9 document(s), **above average**
Loan number 62073418 has 4 document(s), **below average**
Loan number 26409738 has 3 document(s), **below average**
Loan number 21807634 has 2 document(s), **below average**
Loan number 32847609 has 9 document(s), **above average**
Loan number 17264398 has 5 document(s), **average**
Loan number 23164987 has 4 document(s), **below average**
Loan number 64029173 has 7 document(s), **above average**
Loan number 39247168 has 1 document(s), **below average**
Loan number 12463879 has 7 document(s), **above average**
Loan number 09638421 has 8 document(s), **above average**
Loan number 81624793 has 8 document(s), **above average**
Loan number 01729843 has 5 document(s), **average**
Loan number 69120843 has 9 document(s), **above average**
Loan number 70439268 has 6 document(s), **above average**
Loan number 69827340 has 5 document(s), **average**
Loan number 40023718 has 7 document(s), **above average**
Loan number 19278604 has 2 document(s), **below average**
Loan number 86197324 has 7 document(s), **above average**
Loan number 90846732 has 8 document(s), **above average**
Loan number 27836094 has 10 document(s), **above average**
Loan number 87946032 has 4 document(s), **below average**
Loan number 94168200 has 2 document(s), **below average**
Loan number 93624087 has 9 document(s), **above average**
Loan number 47983126 has 5 document(s), **average**
Loan number 09824137 has 4 document(s), **below average**
Loan number 92387001 has 6 document(s), **above average**
Loan number 89471002 has 4 document(s), **below average**
Loan number 41987063 has 2 document(s), **below average**
Loan number 37691804 has 5 document(s), **average**
Loan number 14923867 has 7 document(s), **above average**
Loan number 23764189 has 7 document(s), **above average**
Loan number 19842036 has 6 document(s), **above average**
Loan number 82649103 has 5 document(s), **average**
Loan number 43971860 has 3 document(s), **below average**
Loan number 12649780 has 9 document(s), **above average**

Loan number 79841306 has 10 document(s), **above average**
Loan number 19468320 has 8 document(s), **above average**
Loan number 86720041 has 8 document(s), **above average**
Loan number 68207413 has 7 document(s), **above average**
Loan number 29347618 has 1 document(s), **below average**
Loan number 96374081 has 9 document(s), **above average**
Loan number 97321048 has 3 document(s), **below average**
Loan number 09238417 has 3 document(s), **below average**
Loan number 94078326 has 6 document(s), **above average**
Loan number 47860391 has 3 document(s), **below average**
Loan number 82613479 has 7 document(s), **above average**
Loan number 67231480 has 4 document(s), **below average**
Loan number 28049731 has 3 document(s), **below average**
Loan number 41309786 has 6 document(s), **above average**
Loan number 84603917 has 8 document(s), **above average**
Loan number 39421607 has 9 document(s), **above average**
Loan number 04382176 has 10 document(s), **above average**
Loan number 93746082 has 4 document(s), **below average**
Loan number 62980743 has 7 document(s), **above average**
Loan number 09681742 has 3 document(s), **below average**
Loan number 82019437 has 5 document(s), **average**
Loan number 26473918 has 6 document(s), **above average**
Loan number 61389420 has 10 document(s), **above average**
Loan number 03764129 has 9 document(s), **above average**
Loan number 24683910 has 2 document(s), **below average**
Loan number 31096472 has 4 document(s), **below average**
Loan number 23714896 has 10 document(s), **above average**
Loan number 82649130 has 1 document(s), **below average**
Loan number 32960487 has 5 document(s), **average**
Loan number 84273169 has 9 document(s), **above average**
Loan number 78423016 has 6 document(s), **above average**
Loan number 81936742 has 10 document(s), **above average**
Loan number 00782416 has 4 document(s), **below average**
Loan number 84197260 has 3 document(s), **below average**
Loan number 34026718 has 9 document(s), **above average**
Loan number 84006319 has 8 document(s), **above average**
Loan number 31286974 has 1 document(s), **below average**
Loan number 08146972 has 3 document(s), **below average**
Loan number 07318692 has 3 document(s), **below average**
Loan number 46387109 has 2 document(s), **below average**
Loan number 47231600 has 1 document(s), **below average**

Report 4: A complete loan is one that has at least one of the following documents: credit, closing, title, financial, personal, internal, legal, other

A list of all loan numbers that are missing at least one of these documents and which document(s) is missing (100 pts)

A list of all loan numbers that have all documents (100 pts)

List the total number of each document received across all loan numbers (100 pts)

Loan number 34189270

- is missing document type Credit
- is missing document type Title
- is missing document type Personal
- is missing document type Other

Loan number 19486023

- is missing document type Financial
- is missing document type Personal

Loan number 73624009

- is missing document type Closing
- is missing document type Title
- is missing document type Financial
- is missing document type Legal
- is missing document type Other

Loan number 83246019

- is missing document type Internal
- is missing document type Other

Loan number 68724930

- is missing document type Credit
- is missing document type Title
- is missing document type Financial
- is missing document type Personal
- is missing document type Internal
- is missing document type Legal

Loan number 74891263

- is missing document type Credit
- is missing document type Closing
- is missing document type Title
- is missing document type Other

Loan number 89760213

- is missing document type Credit
- is missing document type Financial
- is missing document type Legal
- is missing document type Other

Loan number 49087362

- is missing document type Credit
- is missing document type Financial

- is missing document type Personal
- is missing document type Internal
- is missing document type Legal
- is missing document type Other

Loan number 29748310

- is missing document type Closing
- is missing document type Title
- is missing document type Financial
- is missing document type Personal
- is missing document type Other

Loan number 46830217

- is missing document type Credit
- is missing document type Title
- is missing document type Other

Loan number 18420069

- is missing document type Credit
- is missing document type Closing
- is missing document type Internal

Loan number 03768249

- is missing document type Closing
- is missing document type Title

Loan number 78046931

- is missing document type Credit
- is missing document type Closing
- is missing document type Title
- is missing document type Financial
- is missing document type Personal
- is missing document type Other

Loan number 39107246

- is missing document type Credit
- is missing document type Personal

Loan number 62073418

- is missing document type Credit
- is missing document type Financial
- is missing document type Legal
- is missing document type Other

Loan number 26409738

- is missing document type Credit
- is missing document type Closing
- is missing document type Personal
- is missing document type Legal
- is missing document type Other

Loan number 21807634

- is missing document type Credit
- is missing document type Closing
- is missing document type Title
- is missing document type Financial
- is missing document type Internal
- is missing document type Legal

Loan number 32847609

- is missing document type Closing

Loan number 17264398

- is missing document type Closing
- is missing document type Financial
- is missing document type Internal
- is missing document type Legal

Loan number 23164987

- is missing document type Credit
- is missing document type Title
- is missing document type Personal
- is missing document type Legal

Loan number 64029173

- is missing document type Closing
- is missing document type Personal
- is missing document type Internal

Loan number 39247168

- is missing document type Credit
- is missing document type Closing
- is missing document type Title
- is missing document type Financial
- is missing document type Personal
- is missing document type Internal
- is missing document type Other

Loan number 12463879

- is missing document type Title
- is missing document type Financial
- is missing document type Legal

Loan number 09638421

- is missing document type Title

Loan number 81624793

- is missing document type Credit
- is missing document type Personal
- is missing document type Other

Loan number 01729843

- is missing document type Closing
- is missing document type Title
- is missing document type Personal
- is missing document type Legal
- is missing document type Other

Loan number 69120843

- is missing document type Personal
- is missing document type Internal
- is missing document type Legal

Loan number 70439268

- is missing document type Title
- is missing document type Legal
- is missing document type Other

Loan number 69827340

- is missing document type Credit
- is missing document type Closing
- is missing document type Title
- is missing document type Personal

Loan number 40023718

- is missing document type Closing
- is missing document type Title
- is missing document type Other

Loan number 19278604

- is missing document type Credit
- is missing document type Closing
- is missing document type Title
- is missing document type Personal
- is missing document type Legal
- is missing document type Other

Loan number 86197324

- is missing document type Personal
- is missing document type Other

Loan number 90846732

- is missing document type Personal

Loan number 27836094

- is missing document type Credit
- is missing document type Financial

Loan number 87946032

- is missing document type Credit
- is missing document type Internal
- is missing document type Legal
- is missing document type Other

Loan number 94168200

- is missing document type Credit
- is missing document type Financial
- is missing document type Personal
- is missing document type Internal
- is missing document type Legal
- is missing document type Other

Loan number 93624087

- is missing document type Closing
- is missing document type Personal
- is missing document type Internal

Loan number 47983126

- is missing document type Closing
- is missing document type Internal
- is missing document type Legal
- is missing document type Other

Loan number 09824137

- is missing document type Credit
- is missing document type Title
- is missing document type Personal
- is missing document type Internal
- is missing document type Other

Loan number 92387001

- is missing document type Credit
- is missing document type Financial
- is missing document type Internal

Loan number 89471002

- is missing document type Title
- is missing document type Internal
- is missing document type Legal
- is missing document type Other

Loan number 41987063

- is missing document type Credit
- is missing document type Closing
- is missing document type Personal
- is missing document type Internal
- is missing document type Legal
- is missing document type Other

Loan number 37691804

- is missing document type Title
- is missing document type Personal
- is missing document type Other

Loan number 14923867

- is missing document type Credit
- is missing document type Title
- is missing document type Internal
- is missing document type Legal

Loan number 23764189

- is missing document type Closing
- is missing document type Financial
- is missing document type Personal

Loan number 19842036

- is missing document type Personal
- is missing document type Other

Loan number 82649103

- is missing document type Closing
- is missing document type Financial
- is missing document type Internal
- is missing document type Other

Loan number 43971860

- is missing document type Closing
- is missing document type Personal
- is missing document type Internal
- is missing document type Legal
- is missing document type Other

Loan number 12649780

- is missing document type Legal
- is missing document type Other

Loan number 79841306

- is missing document type Closing
- is missing document type Internal

Loan number 19468320

- is missing document type Title
- is missing document type Personal
- is missing document type Internal

Loan number 86720041

- is missing document type Personal
- is missing document type Other

Loan number 68207413

- is missing document type Financial
- is missing document type Personal
- is missing document type Internal
- is missing document type Other

Loan number 29347618

- is missing document type Credit
- is missing document type Closing
- is missing document type Title
- is missing document type Financial
- is missing document type Personal
- is missing document type Internal
- is missing document type Other

Loan number 96374081

- is missing document type Legal

Loan number 97321048

- is missing document type Closing
- is missing document type Financial
- is missing document type Internal
- is missing document type Legal
- is missing document type Other

Loan number 09238417

- is missing document type Credit
- is missing document type Closing
- is missing document type Personal
- is missing document type Internal
- is missing document type Legal

Loan number 94078326

- is missing document type Credit
- is missing document type Closing
- is missing document type Title
- is missing document type Personal
- is missing document type Internal

Loan number 47860391

- is missing document type Credit
- is missing document type Financial
- is missing document type Personal
- is missing document type Legal
- is missing document type Other

Loan number 82613479

- is missing document type Credit
- is missing document type Personal
- is missing document type Internal
- is missing document type Legal

Loan number 67231480

- is missing document type Title
- is missing document type Financial
- is missing document type Internal
- is missing document type Legal

Loan number 28049731

- is missing document type Credit
- is missing document type Title
- is missing document type Financial
- is missing document type Internal
- is missing document type Other

Loan number 41309786

- is missing document type Closing
- is missing document type Title
- is missing document type Personal

Loan number 84603917

- recieved all document types.

Loan number 39421607

- is missing document type Credit
- is missing document type Personal
- is missing document type Internal

Loan number 04382176

- is missing document type Credit
- is missing document type Personal

Loan number 93746082

- is missing document type Credit
- is missing document type Closing
- is missing document type Financial
- is missing document type Personal
- is missing document type Legal

Loan number 62980743

- is missing document type Closing
- is missing document type Title
- is missing document type Personal
- is missing document type Legal

Loan number 09681742

- is missing document type Credit
- is missing document type Closing
- is missing document type Title
- is missing document type Financial
- is missing document type Personal
- is missing document type Other

Loan number 82019437

- is missing document type Credit
- is missing document type Closing
- is missing document type Financial
- is missing document type Personal

- is missing document type Internal

Loan number 26473918

- is missing document type Title
- is missing document type Personal
- is missing document type Internal
- is missing document type Other

Loan number 61389420

- is missing document type Personal

Loan number 03764129

- is missing document type Closing
- is missing document type Title
- is missing document type Personal

Loan number 24683910

- is missing document type Credit
- is missing document type Closing
- is missing document type Title
- is missing document type Internal
- is missing document type Legal
- is missing document type Other

Loan number 31096472

- is missing document type Credit
- is missing document type Title
- is missing document type Legal
- is missing document type Other

Loan number 23714896

- is missing document type Financial
- is missing document type Legal

Loan number 82649130

- is missing document type Credit
- is missing document type Closing
- is missing document type Title
- is missing document type Personal
- is missing document type Internal
- is missing document type Legal
- is missing document type Other

Loan number 32960487

- is missing document type Credit
- is missing document type Personal
- is missing document type Internal
- is missing document type Legal

Loan number 84273169

- is missing document type Credit

- is missing document type Internal

Loan number 78423016

- is missing document type Closing
- is missing document type Financial
- is missing document type Personal

Loan number 81936742

- is missing document type Financial
- is missing document type Internal
- is missing document type Legal

Loan number 00782416

- is missing document type Credit
- is missing document type Title
- is missing document type Internal
- is missing document type Other

Loan number 84197260

- is missing document type Closing
- is missing document type Financial
- is missing document type Personal
- is missing document type Legal
- is missing document type Other

Loan number 34026718

- is missing document type Personal
- is missing document type Legal
- is missing document type Other

Loan number 84006319

- is missing document type Credit
- is missing document type Title
- is missing document type Financial

Loan number 31286974

- is missing document type Credit
- is missing document type Closing
- is missing document type Title
- is missing document type Financial
- is missing document type Internal
- is missing document type Legal
- is missing document type Other

Loan number 08146972

- is missing document type Credit
- is missing document type Closing
- is missing document type Title
- is missing document type Legal
- is missing document type Other

Loan number 07318692

- is missing document type Closing
- is missing document type Financial
- is missing document type Internal
- is missing document type Legal
- is missing document type Other

Loan number 46387109

- is missing document type Credit
- is missing document type Title
- is missing document type Financial
- is missing document type Personal
- is missing document type Internal
- is missing document type Legal

Loan number 47231600

- is missing document type Credit
- is missing document type Closing
- is missing document type Title
- is missing document type Financial
- is missing document type Internal
- is missing document type Legal
- is missing document type Other

Total amount of Closing documents is 71

Total amount of Financial documents is 78

Total amount of Internal documents is 61

Total amount of Legal documents is 62

Total amount of Credit documents is 62

Total amount of Title documents is 68

Total amount of Other documents is 59

Total amount of Personal documents is 52

NOTES

- did not start querying files until Nov 15, skipped Nov 16 for last minute adjustments
- I realized I had a typo in my cronjob for `api_fetch_files.php` on the 36 minute mark every hour, which I did not realize until Nov 29. Had to manually fetch them until I discovered that.

cron jobs stopped at 10:10PM 11/30/2022