

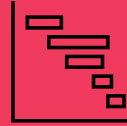
Data Analytics Capstone

Cabell Ferguson | ECPI University | 2023

Overview



**OKLAHOMA
STATE
DEPARTMENT**



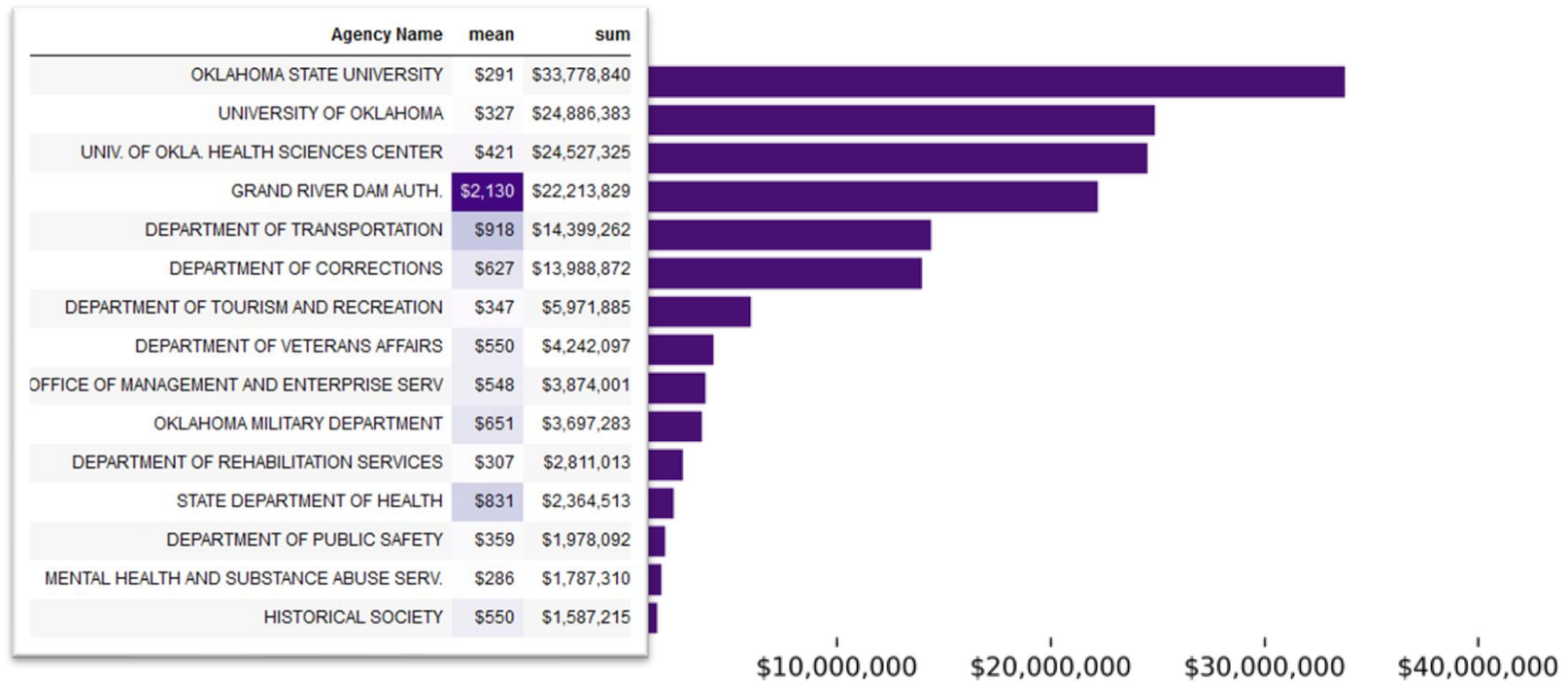
**RE-EVALUATE
PURCHASE CARD
PROGRAM**

How much was spent?

 \$188,040,743.13

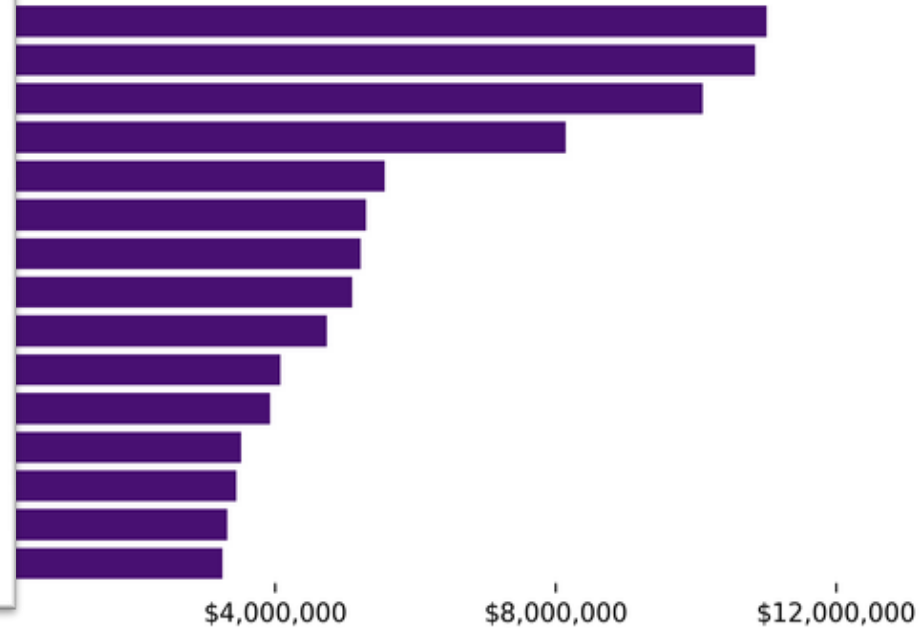


 \$6,581,561.87

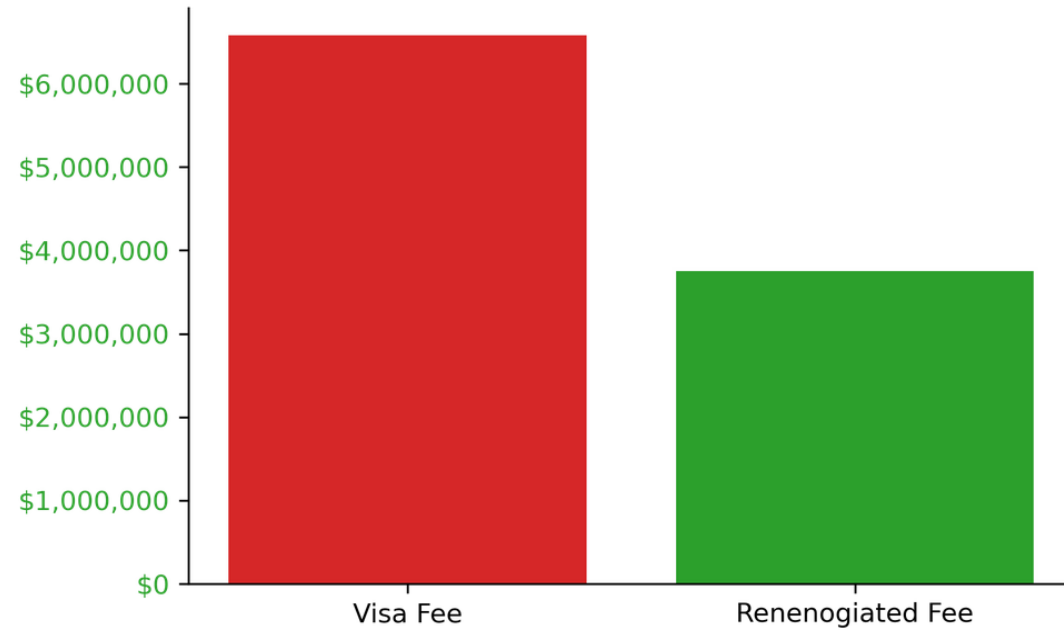


Top Oklahoma State Purchase Card Spenders for 2014

Merchant Category Code (MCC)	mean	sum
DENTAL/LABORATORY/MEDICAL/OPHTHALMIC HOSP EQIP AND SUP.	\$545	\$11,004,961
INDUSTRIAL SUPPLIES NOT ELSEWHERE CLASSIFIED	\$501	\$10,846,920
COMPUTERS, COMPUTER PERIPHERAL EQUIPMENT, SOFTWARE	\$1,834	\$10,091,601
COMMERCIAL EQUIPMENT, NOT ELSEWHERE CLASSIFIED	\$1,168	\$8,139,121
MISCELLANEOUS AND SPECIALTY RETAIL STORES	\$417	\$5,563,077
AMERICAN AIRLINES	\$441	\$5,296,951
BUSINESS SERVICES NOT ELSEWHERE CLASSIFIED	\$514	\$5,218,792
STATIONERY, OFFICE SUPPLIES, PRINTING AND WRITING PAPER	\$205	\$5,094,192
DIRECT MARKETING/DIRECT MARKETERS--NOT ELSEWHERE CLASSIFIED	\$677	\$4,731,575
OTHER FEES	\$3,307	\$4,076,935
ELECTRICAL PARTS AND EQUIPMENT	\$600	\$3,929,161
GOVERNMENT SERVICES--NOT ELSEWHERE CLASSIFIED	\$394	\$3,518,366
CHEMICALS AND ALLIED PRODUCTS NOT ELSEWHERE CLASSIFIED	\$710	\$3,442,300
TELECOMMUNICATION SERVICES	\$320	\$3,315,550
NON-DURABLE GOODS NOT ELSEWHERE CLASSIFIED	\$866	\$3,250,952



Top Oklahoma State Purchase Card Spending for 2014



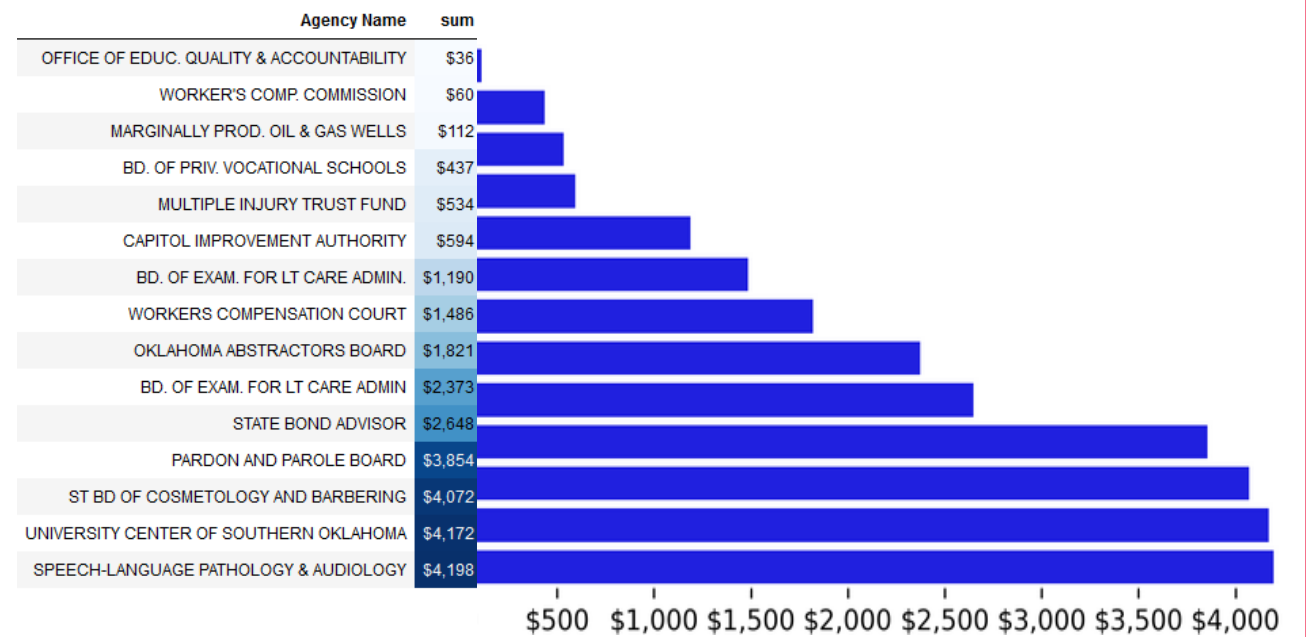
Renegotiating to a 1% fee from a 2% fee:

\$2,832,290.87

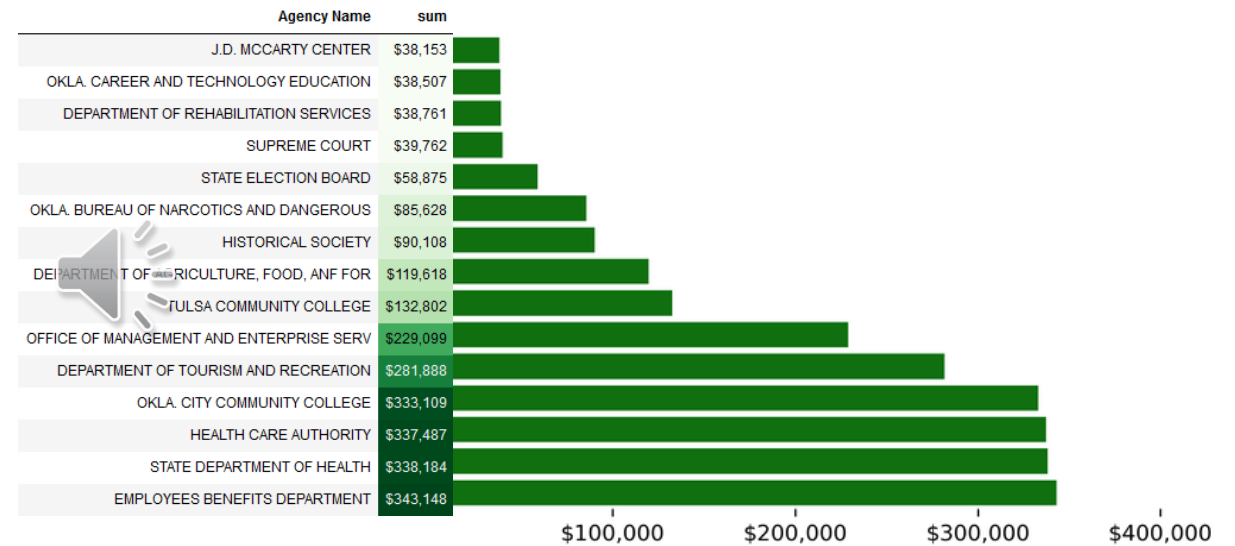
Important Notes from Data

- Number of **agencies** that spent less than what would be saved: **114**
- Number of **agencies** that spent less than 1/4 of savings: **106**
- Number of **agencies** that spent less than 1/16 of savings: **72**
- Number of **agencies** that spent less than 1/32 of savings: **56**

Agencies that spent the least with purchase cards for 2014



Agencies that spent at least \$30,000 on purchase cards for 2014



Conclusion

- The State of Oklahoma should absolutely renegotiate with Visa.
- Would add additional funds to budget.
- Doesn't discourage spending.
- Doesn't require additional tax dollars.
- Money stays in Oklahoma.



Thank You

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My Python Notebook File

My Dataset