|  |  |  |
| --- | --- | --- |
| Top Rules for Total Donation Dataset Confidence 0.5 | | |
| Min\_support: 0.02 | Min\_support: 0.05 | Min\_support: 0.07 |
| Chief of Mission and zero  0.835 | Chief of Mission and zero  0.835 | United States Marshal and zero  0.806 |
| United States Attorney and zero  0.747 | Assistant Secretary and zero  0.738 | Chief of Mission and zero  0.835 |
| Assistant Secretary and zero  0.738 | Member and zero  0.691 |  |
| Under Secretary and zero  0.724 | United States Marshal and zero  0.806 |  |
| Chairman and zero  0.6875 | United States Attorney and zero  0.747 |  |
| Commissioner and zero  0.691 |  |  |
| Director and zero  0.806 |  |  |
| Trustee and zero  0.6499 |  |  |
| United States Marshal and zero  0.806 |  |  |

Titles were discretized into their most general titles. Example instead of Chief of Mission of Argentina the title’s final form would be Chief of Mission.

The donation amounts were binned as shown below:

6 or more digits = very high (there were only 2 total donations that exceeded 6 digits)

5 digits = high

4 digits = medium

3 digits = low

rest = low (There were two donations that were in the negatives)

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| Top Rules for Obama Donation Dataset Confidence 0.5 | | |
| Min\_support: 0.02 | Min\_support: 0.05 | Min\_support: 0.07 |
| Chief of Mission and zero  0.8823 | Chief of Mission and zero  0.8823 | Chief of Mission and zero  0.8823 |
| Assistant Secretary and zero  0.761 | United States Attorney and zero  0.835 | United States Attorney and zero  0.835 |
| Member and zero  0.893 | United states marshal and zero  0.954 | United states marshal and zero  0.954 |
| Under Secretary and zero  0.758 | Member and zero  0.893 | Member and zero  0.893 |
| United states marshal and zero  0.954 | Assistant Secretary and zero  0.761 |  |
| Trustee and zero  0.75 |  |  |
| Chairman and zero  0.75 |  |  |
| Director and zero  0.838 |  |  |
| United States Attorney and zero  0.835 |  |  |
| Commissioner and zero  0.8667 |  |  |

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| Top Rules for Obama Donation Dataset without zeros Confidence 0.5 | | |
| Min\_support: 0.02 | Min\_support: 0.05 | Min\_support: 0.01 |
| Chairman and Low  0.5 | United States Attorney and Medium  0.933 | Council Member and Medium  0.6 |
| Secretary and Medium  1 | Assistant Secretary and Medium  0.571 | Chairman and Low  0.5 |
| Assistant Secretary and medium  0.57 |  | Board Member and High  0.666 |
| Representative and medium  1 |  | Deputy Secretary and Medium  0.75 |
| Member and Medium  0.6 |  | United States Attorney and Medium  0.9333 |
| Under Secretary and Medium  0.57 |  | Under Secretary and medium  0.57 |
| Trustee and High  0.7 |  | United States Marshal and medium  0.75 |
| United States Attorney and medium  0.9333 |  | Deputy Administrator and medium  1 |
| Commissioner and Medium  0.8 |  | Assistant Secretary and medium  0.57 |
| Board Member and High  0.666 |  | Chief of Mission and Very High  0.5 |
|  |  | Assistant Attorney General and Medium  1 |
|  |  | Representative and medium  1 |
|  |  | Trustee and very high  0.5 |
|  |  | Deputy and medium  1 |
|  |  | Commissioner and medium  0.8 |
|  |  | Member and medium  0.6000 |
|  |  | Secretary and medium  1 |
|  |  | Trustee and high  0.7 |
|  |  | Administrator and medium  1 |

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| Top Rules for Total Donation Dataset without zeros Confidence 0.5 | | |
| Min\_support: 0.02 | Min\_support: 0.05 | Min\_support: 0.01 |
| United States Attorney and medium  0.565 | Member and medium  0.517 | United States Marshal and Medium  0.588 |
| United States Marshal and medium  0.588 |  | Deputy Director and Medium  0.66 |
| Member and medium  0.517 |  | Member and Medium  0.517 |
| Commissioner and medium  0.6667 |  | Deputy Secretary and high  0.75 |
| Trustee and Very high  0.857 |  | Commissioner and medium  0.666 |
|  |  | Chairman and medium  0.5 |
|  |  | Representative and medium  0.75 |
|  |  | Under Secretary and High  0.625 |
|  |  | Council Member and medium  0.8333 |
|  |  | Trustee and very high  0.85 |
|  |  | Secretary and high  0.5 |
|  |  | Inspector General and medium  0.7999 |
|  |  | United States Attorney and medium  0.565 |