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A thesis submitted to the Graduate College of
Texas State University in partial fulfillment
of the requirements for the degree of
Master of Science
with a Major in Computer Science
December 2020

Committee Members:

Committee Member 1, Chair

Committee Member 2

Committee Member 3

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DEDICATION

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ACKNOWLEDGEMENTS

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ABSTRACT

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I. CHAPTER 1 TITTLE

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of contents.

Dataset name	Number of records	Number of users
Dataset A	248	20
Dataset B	464	28
Dataset C	348	7
Dataset D	419	5
Dataset E	854	15

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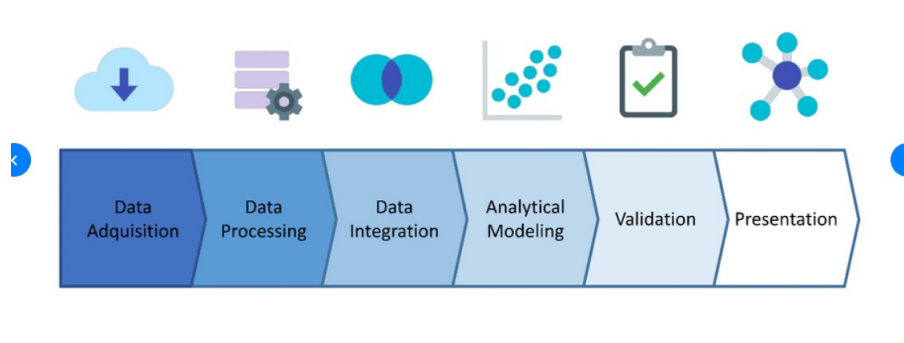


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II. CHAPTER 2 TITTLE

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Citation examples: networkX [1], scikit-learn [2], and Spectral Clustering tutorial [3].

Section 1

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Subsection 1

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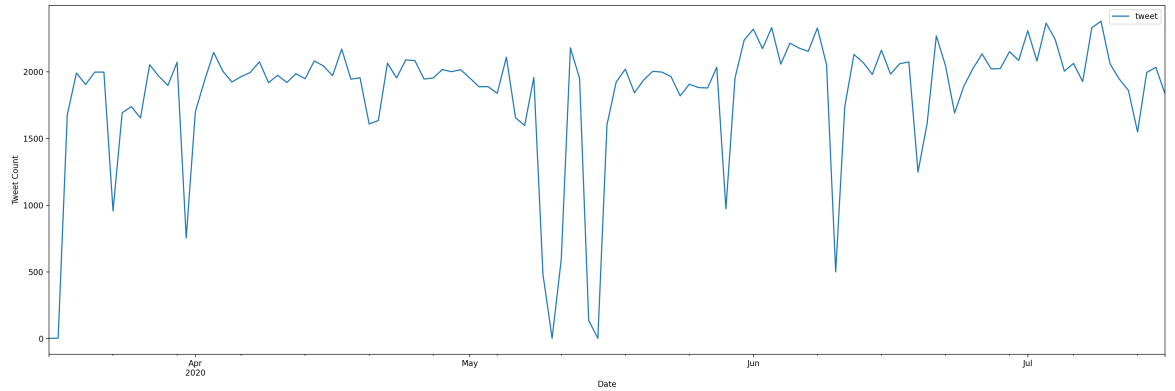


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APPENDIX SECTION

APPENDIX A

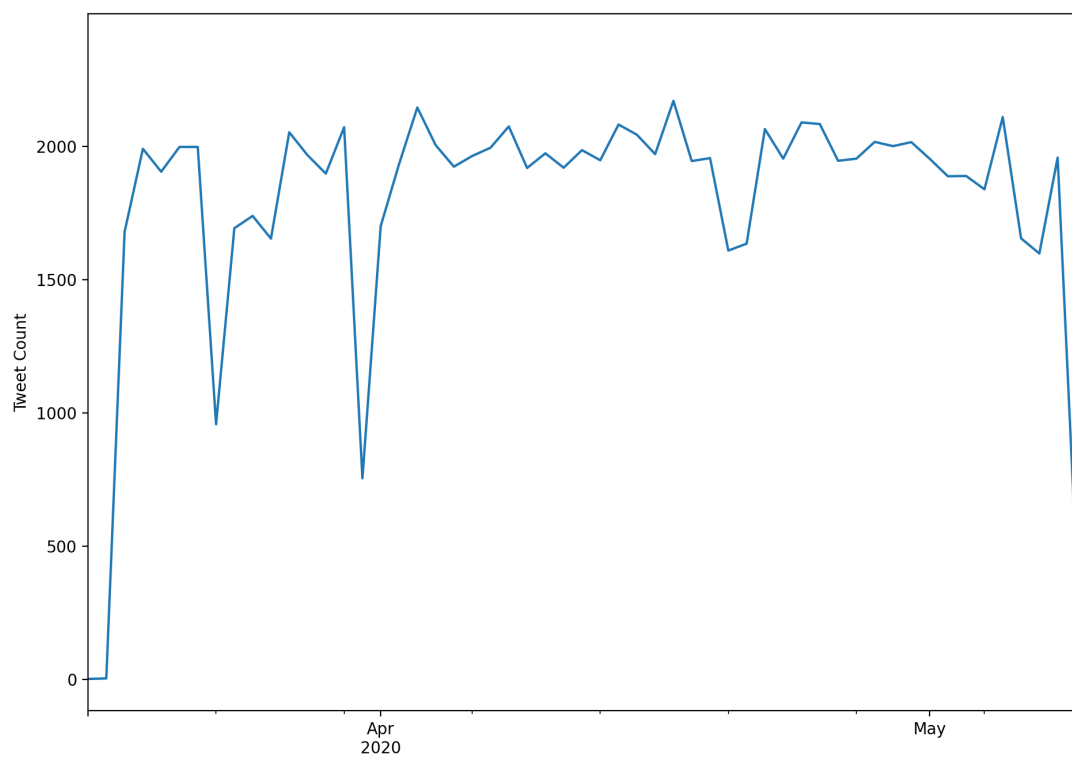


Figure A.1: First figure of appendix A. Captions of figures and tables in the Appendix section should not show up in the table of contents.

Table A.1: First table of appendix A. Captions of figures and tables in the Appendix section should not show up in the table of contents.

Dataset name	Number of records	Number of users
Dataset A	248	20
Dataset B	464	28
Dataset C	348	7
Dataset D	419	5
Dataset E	854	15

Table A.2: Second table of appendix A. Captions of figures and tables in the Appendix section should not show up in the table of contents.

Dataset name	Number of records	Number of users
Dataset F	1000	10
Dataset G	2000	20
Dataset H	3000	30
Dataset I	4000	40
Dataset J	5000	50

APPENDIX B

Table B.1: First table of appendix B. Captions of figures and tables in the Appendix section should not show up in the table of contents.

Column 1	Column 2	Column 3
1	2	10000
3	4	20000
5	6	30000

Table B.2: Second figure of appendix B. Captions of figures and tables in the Appendix section should not show up in the table of contents.

Column 1	Column 2	Column 3
A	B	10000
C	D	20000
E	F	30000

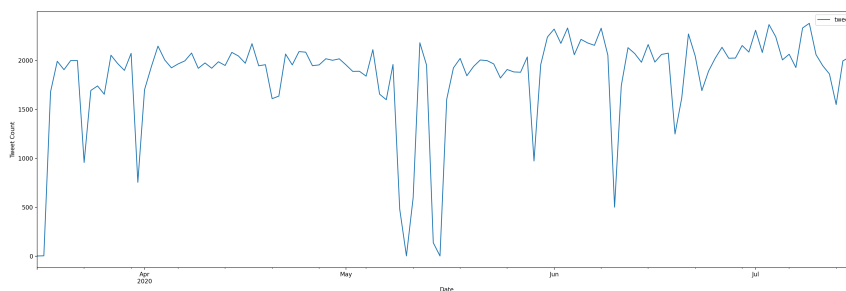


Figure B.1: First figure of appendix B. Captions of figures and tables in the Appendix section should not show up in the table of contents.

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- [1] A. A. Hagberg, D. A. Schult, and P. J. Swart, “Exploring network structure, dynamics, and function using networkx,” in *Proceedings of the 7th Python in Science Conference* (G. Varoquaux, T. Vaught, and J. Millman, eds.), (Pasadena, CA USA), pp. 11 – 15, 2008.
- [2] F. Pedregosa, G. Varoquaux, A. Gramfort, V. Michel, B. Thirion, O. Grisel, M. Blondel, P. Prettenhofer, R. Weiss, V. Dubourg, J. Vanderplas, A. Passos, D. Cournapeau, M. Brucher, M. Perrot, and E. Duchesnay, “Scikit-learn: Machine learning in Python,” *Journal of Machine Learning Research*, vol. 12, pp. 2825–2830, 2011.
- [3] U. Von Luxburg, “A tutorial on spectral clustering,” *Statistics and computing*, vol. 17, no. 4, pp. 395–416, 2007.