

# OPTIMIZING BATTERY CONSUMPTION OF EDGE IOT DEVICES

by

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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  
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Dr. Qijun Gu

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## **DEDICATION**

I dedicate this project to myself. A special feeling of gratitude to my loving self for enduring the mental stress over the course of the past three years. GGs only. We do not go again.

## 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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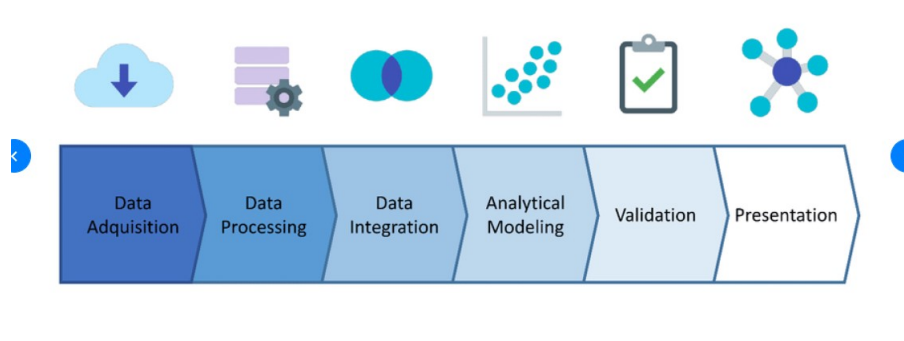


Figure 1: First image phasellus at magna interdum, mattis tellus vitae, varius sapien pellen-  
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## II. CHAPTER 2 TITTLE

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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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Table 2 shows...

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Dataset name	Number of records	Number of users
Dataset A	248	20
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## Subsection 2

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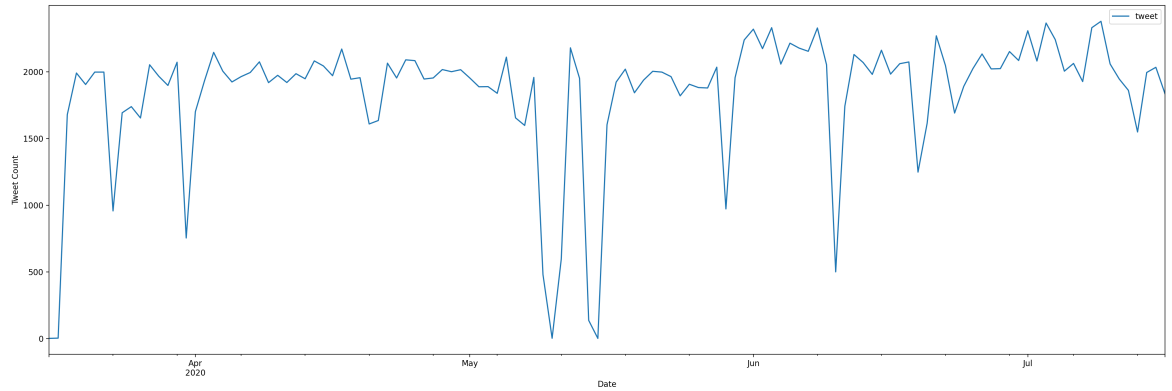


Figure 2: Second image phasellus at magna interdum, mattis tellus vitae, varius sapien pellentesque auctor neque ante. Phasellus sed lacinia leo. Only the first sentence of the images and tables should show up in the tables of contents.

## Section 2

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## APPENDIX SECTION

### APPENDIX A

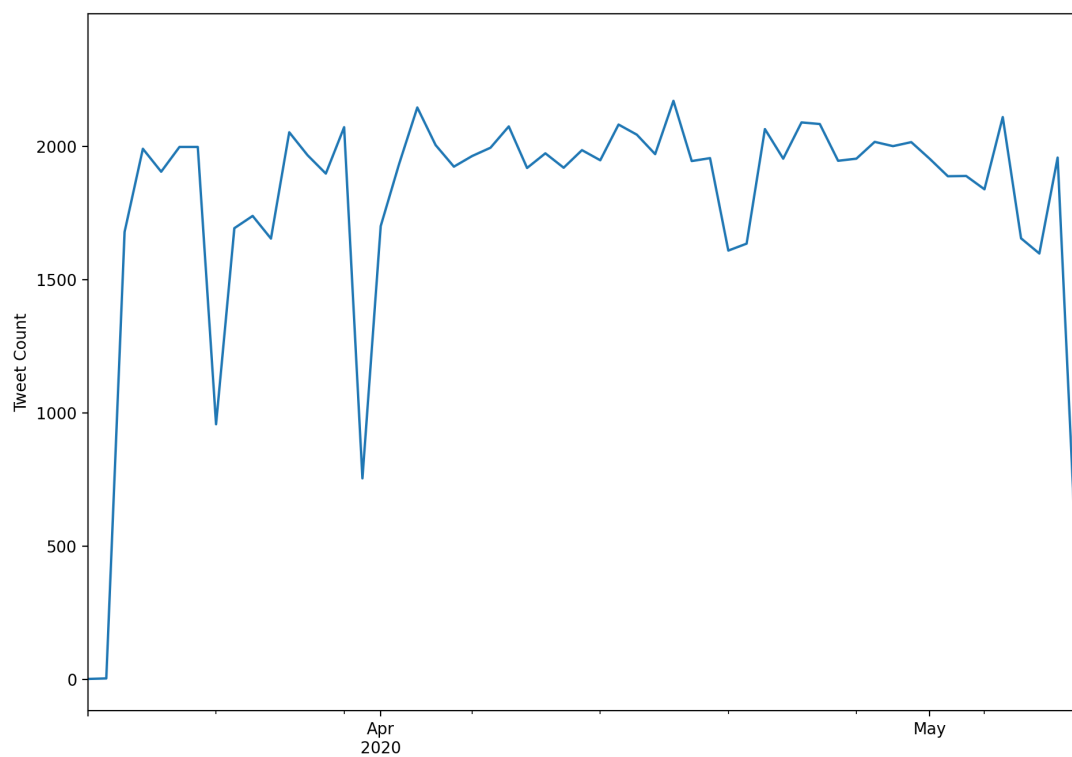


Figure A.1: First figure of appendix A. Captions of figures and tables in the Appendix section should not show up in the table of contents.

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

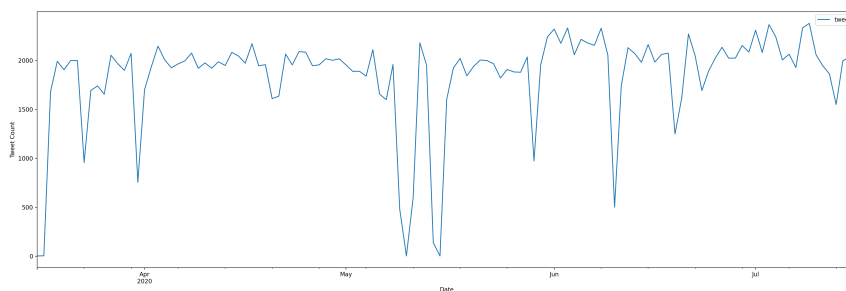


Figure B.1: First figure of appendix B. Captions of figures and tables in the Appendix section should not show up in the table of contents.

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- [3] U. Von Luxburg, “A tutorial on spectral clustering,” *Statistics and computing*, vol. 17, no. 4, pp. 395–416, 2007.