

Machine Learning

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Abstract

Air pollution is one of the contemporary most important topics.

1 Introduction

Rio de Janeiro city (Brazil) is one of the most beautiful cities in the world, according to the travel website Conde Nast Traveler [Morton \(2019\)](#). This thought is shared among tourists and residents.

1. What is the problem?
2. Why is it important?
3. What is your basic approach?
4. A short discussion of how it fits into related work in the area is also desirable.
5. Basic results.
6. Conclusions

2 Problem definition

1. What is the problem?
2. What are the inputs and outputs mathematically.

3 Methodology

1. Criteria to evaluate the methods.
2. What hypotheses am I testing?
3. Experimental methodology.
4. Dependent and independent variables.
5. Train and test data
6. Comparisons to competing methods

4 Exploratory data analysis

1. Presenting some exploratory graphics.
2. Some insights brought.

5 Results

1. Quantitative results of my experiments.
2. Statistical significance.

6 Discussion

7 Future work

8 Conclusion

References

Morton, C. (4 de abril 2019). The 50 most beautiful cities in the world. <https://www.cntraveler.com/galleries/2016-01-08/the-50-most-beautiful-cities-in-the-world>.