

**Lab/BA/SA/Group:**

## Are You Paying Too Much?

### Motivation and Informal Description

Booking a flight is something most of us have done already. But when seeing an offer by an airline, it's hard to judge whether this is a fair price. We usually resort to comparing it with other airlines (if any even offers a similar flight) and then assume this is the market price. But this works only for today. Air fares are known to fluctuate quite a bit. So, if you're now presented with a number, how do you know that the price is fair? Maybe you picked the one flight which is already overbooked and thus very expensive or maybe you picked a date where flights are cheap or expensive. There is also the chance that you are always booking your flights too late (or even too early).

Currently, we compare the existing options manually and then assume that we have all the knowledge we need (and more importantly, can get). But why should the airlines be the ones with all the information? It is time to level the field and reduce the information inequality!

Your job is to acquire all the data you need and create a model to price a flight so that the next time you book a flight, you know that the price is right.



### Requirements

Good programming skills. The student(s) should be able to work independently on this topic!

**Interested? Please contact us for more details!**

### Contact

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