

LANDING.JOBS DATA CHALLENGE

“JUST A DATA SCIENCE ENTHUSIAST”

ABSTRACT

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Nowadays we live in a society built upon strong pillars – many of them unfair and old minded. One of these pillars is the conception that men should have higher salaries than women. Yes, this still happens, **women are still a step behind, simply for being women.**

My report seeks to be an attention call for those who take some time to analyze it. Through the Landing.Jobs data set, I tried to go deeper into this issue. You will have the opportunity to visualize this difference considering Job Roles, Education Level, Working Experience, Type of Industry and so on... Overall, the difference between average annual salaries (Men-Women) is approximately 4.546€.

Even though this is an important issue for me, as young male, another stage of this report covers the importance of programming languages. You will be able to note that the most common language amongst the respondents is JavaScript. Also concerning programming languages, the analysis covers its relationship and influence in the average salary.

Finally – and back to the main topic – data will be prepared for a linear regression, having as endogenous variable the salary. After performing variable selection, you will note that being a female is impactful on your salary and has a negative coefficient attached to it.

Support the women in your life. They surely deserve it.