P-4

For example, I don’t know how much explainability is part of non-functional requirement. But I could say this is an important requirement.

P-10

it’s trying to make the Machine Learning decisions accountable. Sometimes the executives, even in a crucial application of Machine Learning, for example, in medical imaging or something, if a tumor is detected or not and the Machine Learning is saying that, OK, the tumor is detected with 90 percent accuracy, but then we also want to know why it was detected tumor. It may be something different, why the Machine Learning actually took the decision and for which kind of features Learning actually took this decision this is a tumor or not? That is why it’s not very straightforward because it’s nonlinear model we mostly use Machine Learning and then debug it to identify which features are actually responsible for that.

P-10

In terms of explainability, fairness, and other metrics, quality attributes, of course, it’s a very important part of making any software as a service better. Definitely I will say, this is very important because the non-functional requirements will trigger the accuracy and better service of any software.

P-10

I just talked about one that is fairness and explainability, because trying to give some decisions also delivered some additional answers.

P-10

But for my field nowadays, people are mostly talking and raising the voice for explainability and for the fairness, where Machine Learning is getting more criticized.

daniel-5

It is very important also that you have reproducibility. You can’t upgrade your algorithm and then same patient with then same symptoms coming again and then you can’t explain why this gives you different diagnosis this time. If you include another or if you include new data into your system like you start measure and if you have glucose level in your blood or some extra parameter, then perhaps you can explain it but you still you need to perform similarly on those patients that do not measure glucose and its tricky because you often your first shot not the best one.

P-1

You need to have explainability or explainable AI which is something very important specially if you want to go from human base to decision making more into machine automated decision making but still there’s human somewhere that take a decision and then explain like as transparency.

P-1

For ML components reliability, transparency, explainability, correctness etc.