|  |  |  |  |
| --- | --- | --- | --- |
| Engineer Level / time invested | Entry level | Mid level | Senior Proffesional level |
| Synt stage analyze | Can analyze it after full iteration of P&R.  ~one week, 45 hours. | Can analyze or miss something after three days.  ~3 days, 27 hours. | Analyze all the violations manually or other way in one hour.  ~ 1/9 day, 1 hour. |

**Appendix a:**

If we have for example in a specific team two engineers for each level, we are spending in average up to 24 hours for analyze everything in synt for one engineer. Therefore, in theory, the smart flow analyzer can compare us to a professional engineer level with all the analyze needed immediately in the end of the synt stage without miss any detail.

These assumptions were done only on synt stage.

**Appendix b:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Tasks / weekly hours | Writing few hard analyze | Scouter / organization of the outputs | Manual and explanation on tool include README doc | Writing few easy analyze | Remoting and managing the tool |
| Plc stage | ~12 hours | ~3 hours | ~3 hours | ~6 hours | ~3 semi-manger hours |

During the week, we will have two meetings, one in the beginning and one in the end of the week. Every meeting will be ~1.5 hours to summarize the action items. The manager will be the owner for those meetings.

One senior engineer can lead the writing of the hard analyze. Can take 12 hours in a week.

Therefore, 27 hours will take to complete in a week one stage of place for this smart analyze checker, two stage will take 54 hours.