Track 1: Hands-on Session **Using AI for technical software engineering - part I**

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Hands-on Coding session with GitHub Copilot by using some programming language (Java, Python or C++). Attendees should have knowledge of programming at least one of these laguages.

**Pre-Assignment – These tasks should be done before hands-on session.**

**Tool: GitHub Copilot** [**https://github.com/features/copilot**](https://github.com/features/copilot)

* Programming tool (or plugin in different environments)
* Free for students, Free trial, or monthly 10$

**Tool: Visual Studio Code** <https://code.visualstudio.com/>

* “Free. Built on open source. Runs everywhere.”
* Programming editor
* Different programming environments are installed with plugins.

**Tasks :**

* Get account for Copilot
* Install free Visual Studio Code (VSCode)
* Install programming environment to VSCode. Preferred environments: Java, C++, or Python.
* Install Copilot -plugin to VSCode
* Make the “Helloworld” and test the environment.