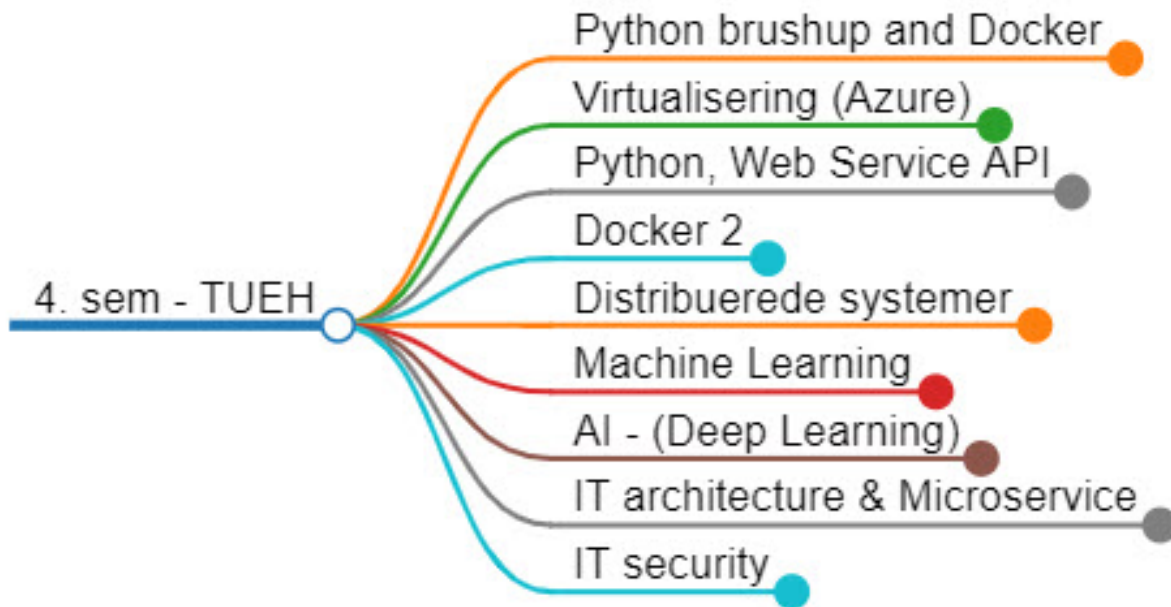


Module 4.2

Introduction



Teaching Sessions

- Python brushup and Docker
- Virtualisiering (Azure)
- Python, Web Service API
- Distribuerede systemer
- Machine Learning
- AI - (Deep Learning)
- IT architecture & Microservice
- IT security

GitHub Pages - 4.2 website

kea.officegeek.dk

- Slides
- Guides - text and video
- Extra material
- Files
- Ekstra links

Introduction

Slides

- [html](#)
- [pdf](#)

Teaching S

- [Python brushu](#)
 - 15-03-202
 - 16-03-202
 - Slides
 - [htr](#)
 - [pd](#)
- [Virtualisering \(](#)
 - 17-03-202
 - 18-03-202
 - Slides
 - [htr](#)
 - [pd](#)
- [Python, Web Se](#)
 - 22-03-202
 - 23-03-202
 - Slides
 - [htr](#)
 - [pd](#)
- [Docker 2](#)
 - 24-03-202
 - 25-03-202

CODING

Coding Skills are **Not** Just for Programmers. Coding skills are of value to candidates across major job categories:

- Information Technology workers
- Data Analysts
- Engineers
- Scientists

CLOUD

AZURE

The cloud for space stations, startups, and everything in between.



Azure Database for
MySQL servers



Azure Workbooks



Virtual machines



IoT Hub



App Services

GitHub

Git is the most popular distributed version control system in the world.

Linus Torvalds, the creator of the Linux kernel, built this tool back in 2005.



GitHub

GitHub Desktop

GitHub Desktop simplifies your development workflow

<https://desktop.github.com>

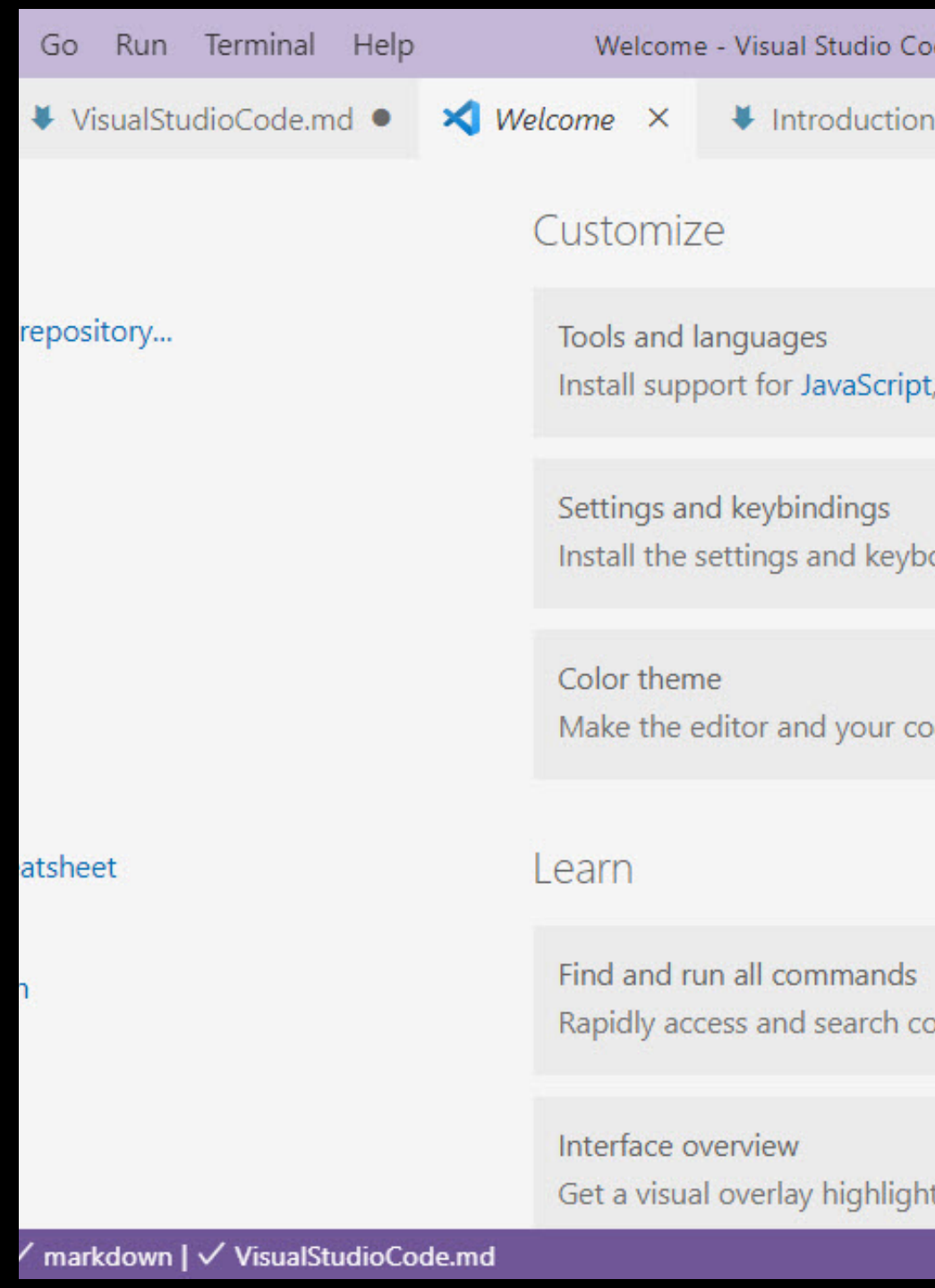


Visual Studio Code

Visual Studio Code is an open-source cross-platform code editor developed by Microsoft.

It has a built-in debugging support, embedded Git control, syntax highlighting, code completion, integrated terminal, code refactoring and snippets.

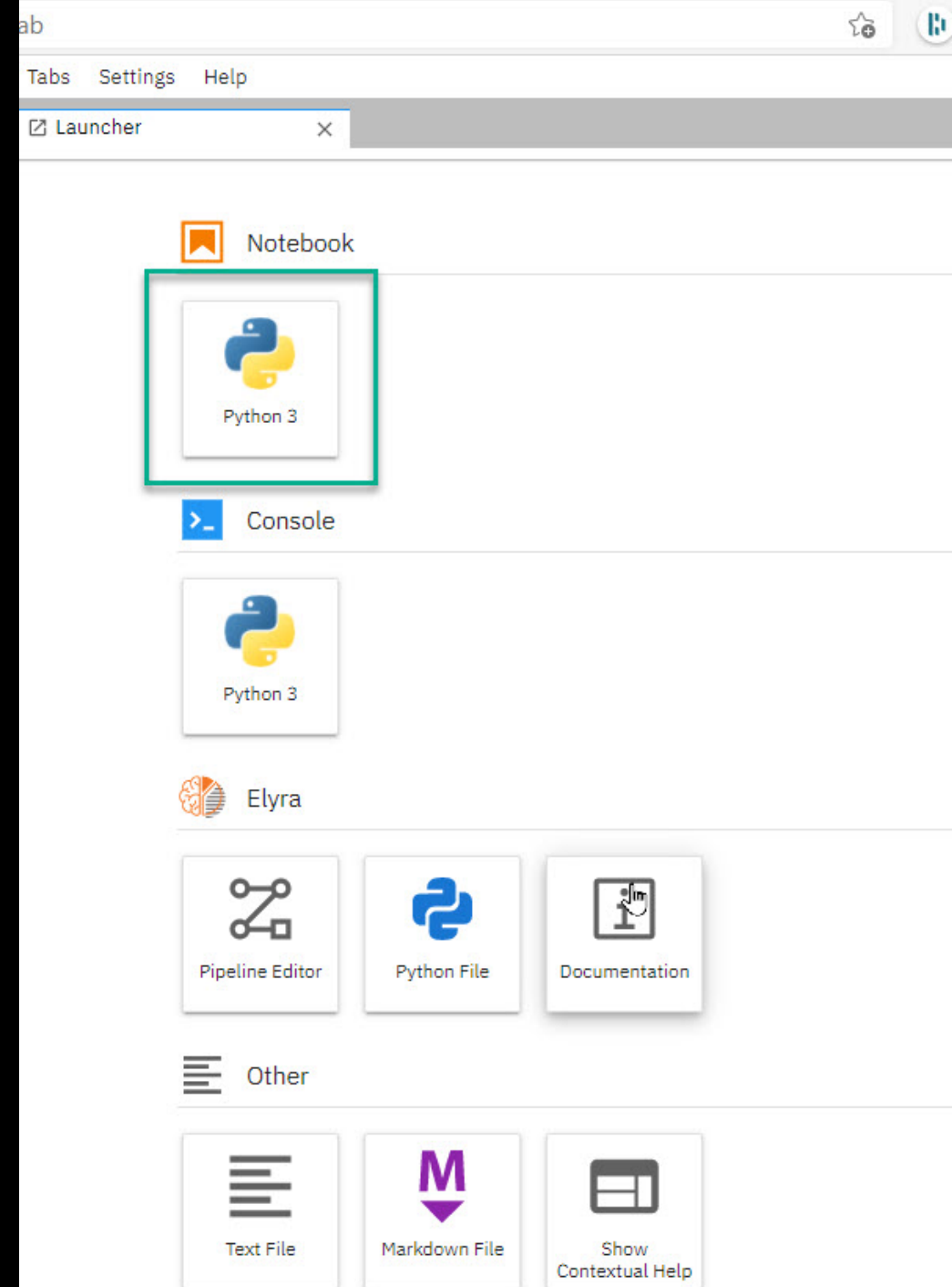
<https://code.visualstudio.com>

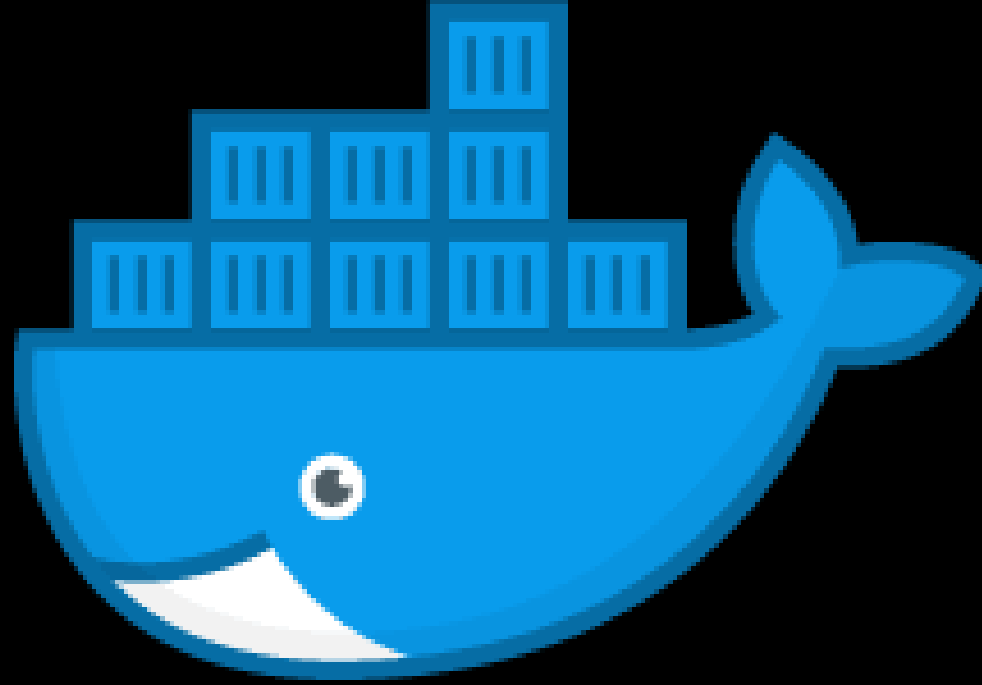


Jupyter Lab

JupyterLab is the latest web-based interactive development environment for notebooks, code, and data. Its flexible interface allows users to configure and arrange workflows in data science, scientific computing, computational journalism, and machine learning.

<https://jupyter.org>





docker

MySQL

MySQL is an open-source relational database management system (*RDBMS*).

Its name is a combination of *My*, the name of co-founder Michael Widenius's daughter, and *SQL*, the abbreviation for Structured Query Language.

