

Free Tutorials for Human Factors related Skills

	Provider	Description	Form	Link
Data Science				
Python	guide: https://wiki.python.org/moin/BeginnersGuide/Download			
	Data Camp	Learn Coding	Online Exercises	https://learn.datacamp.com/
	Open Source	Learn Coding	Online Exercises	https://hackinscience.org/
JavaScript		Building web applications	Online Exercises	https://learnjavascript.online/app.html
React		App development	Online Exercises	https://react-tutorial.app/app.html?id=327
Psycho-physiological & behavioral measurement				
Matlab	Matlab Onramp	Learn Coding	Online Exercises	https://de.mathworks.com/learn/tutorials/matlab-onramp.html
EEGlab	Wiki	Explanations for every step of EEG pre-processing	Only theoretical	https://eeglab.org/tutorials/
User Experience / Interaction				
Wireframing	Mockplus	For websites and phones	Only theoretical	https://www.mockplus.com/free-wireframing-tool/
	Miro	Collaborative tool for almost everything	Free webinar	https://academy.miro.com/
			Templates	https://miro.com/templates/
Prototyping with Figma	div.	Interactive design / Prototyping	Only theoretical	https://www.figma.com/resources/learn-design/lessons/
			Guide	https://www.freecodecamp.org/news/figma-crash-course/
UX Course	Careerfoundry	Online UX course	Online Exercises	https://careerfoundry.com/en/short-courses/become-a-ux-designer/

Virtual Reality				
Unity	Unity Learn	Build-in tutorial	Tutorial	https://learn.unity.com/pathway/unity-essentials
Academic work				
R Studio (Open-source statistical analyses)	Andy Field	Tutorial implemented in R (incl. descriptions to download <i>R and R Studio</i>)	Funny tutorial	https://github.com/profandyfield/discover
Managing Knowledge	Obsidian	Software to connect your knowledge with links and hashtags etc. (incl. "Mindmap of your Notes")	General introduction	https://www.youtube.com/watch?v=QgbLb6QCK88&list=PL3Na1VgSIAVLHty1-NuvPa9V0b0UwbzBd
			Tutorial for connecting this with Zotero	https://forum.obsidian.md/t/zotero-zotfile-mdnotes-obsidian-dataview-workflow/15536 and https://www.youtube.com/watch?v=Fjhad-Z61o
	Evernote	Make and organize all your notes	Guide	https://help.evernote.com/hc/en-us/articles/208314458-Using-Evernote-Quick-Start-Guide
Managing Literature	Citavi	citing literature, free for up to 100 references	Videos	https://www.citavi.com/en/support/videos
	Zotero	citing literature, free to use	Guide	https://www.zotero.org/support/quick_start_guide
	Mendeley	citing literature, free to use	Download	https://www.mendeley.com/download-desktop/
Checking your writing	Grammarly	checks the grammar (English) of your documents	Software (free account possible)	https://demo.grammarly.com/
	Hemingway editor	Makes your English writing more precise and readable	Free online tool	https://hemingwayapp.com/
Overview of scientific papers	Publish or perish	Find most cited papers in your field of interest	Software (free)	https://harzing.com/resources/publish-or-perish
	Scite	Find papers relating to your paper of interest	Online software	https://scite.ai/

Tip: if you get a library card from the [city's library \(Tietz; 10€/year\)](#) you not only get access to many introductory books but also to the linked-In learning program. This allows you to learn everything from improving your excel skills to becoming a better leader. As a plus your completed programs will be added to your linked-In profile

