Supplementary Course (EVA) at ZHAW School of Engineering

Title:
Seminar on Recent Scientific Publications in Data Science

Short Code: rEVA_scipub

Credits	3
Profile	Data Science (DS)
Responsible Institute /Centre	Institute of Data Analysis and Process Design (IDP)
Responsible lecturer and contact informtion	**Thoralf Mildenberger (mild@zhaw.ch)**
Type and duration of examinations	Presentation (60 minutes)
Start date and duration	Semester: Spring Detail: Semester course with presentation after semester end
Location	Winterthur
Course type	rEVA
Language of instruction	English
Short description (max. 300 characters)	The seminar aims for students to engage with a cutting-edge scientific publication in Data Science/Statistics. Each student receives an assigned publication and presents it at the seminar's end. They apply the described methodology to their own example.
Contents and Learning Objectives	Learning Objectives: • Students are capable of reading and comprehending scientific publications. • Students can present a scientific publication in an understandable manner. • Students can critically assess scientific publications. • Students can apply and evaluate the described theory using an example.
Prerequisites	-
Literature	A selection of a suitable publications will be provided at beginning of the seminar.
Special requirements	-

Offer for profiles	Aviation (Avi)	☐	Business Engineering (BE)	☐
	Computer Science (CS)	☐	Data Science (DS)	☒
	Electrical Engineering (ElE)	☐	Energy & Environment (EnEn)	☐

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	Mechanical Engineering (ME)	☐	Mechatronics & Automation (MA	☐
	Medical Engineering (Med)	☐	Photonics (Pho)	☐
			Civil Engineering (CE)	☐