



LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN

MUNICH INTERNATIONAL
SUMMER UNIVERSITY



MUNICH **MISU** ^{LMU}
INTERNATIONAL SUMMER
UNIVERSITY

Big Data Analytics and Business Intelligence (EBI)

Munich, Germany
July 28 – August 14, 2025
www.ebi-misu.de



Online-Sessions July 28 – August 1
In-class Sessions August 4 – 14

Tentative Schedule



Munich 2025

Sessions: July 28 – August 14



Patronage

Prof. Dr. Thorsten Sellhorn

Institute for Accounting, Auditing and Analysis
Munich School of Management



Lecturer

Dr. Andreas Woltschläger

Professional expert and former Research Assistant
Institute for Accounting, Auditing and Analysis
at the Munich School of Management at LMU Munich



Dr. Gereon Hillert

Professional expert and former Research Assistant
Institute for Accounting, Auditing and Analysis
at the Munich School of Management at LMU Munich

Live seminar sessions

As live online tool for the courses, we will use "Zoom":

<https://lmu-munich.zoom.us/>

It is not mandatory to create a LMU Zoom account. You will receive an invitation by email before the first session for participation in class and the Zoom Client is usable in your browser.

Classroom in Munich

tba

Program

All times are stated in the CEST standard time format

Date	9:00 a.m. - 1:30 p.m.	2:00 p.m. – 6:30 p.m.
Mon, 28.07.2025 ONLINE	Introduction <ul style="list-style-type: none">• Introduction to big data analytics and business intelligence	
Tue, 29.07.2025 ONLINE		
Wed, 30.07.2025 ONLINE	Business intelligence and corporate finance <ul style="list-style-type: none">• M&A process and valuation framework• Data-driven financial analysis• Capital market parameters	
Thu, 31.07.2025 ONLINE		Data Analytics I <ul style="list-style-type: none">• Accessing financial data Team event <ul style="list-style-type: none">• Bavarian and international culture
Fri, 01.08.2025 ONLINE	Data Analytics II <ul style="list-style-type: none">• Data preparation in the context of financial due diligence	Business Intelligence I - Basic <ul style="list-style-type: none">• Data Modeling in Power BI• Data exploration within Power BI
Sat, 02.08.2025 ONLINE	Business Intelligence II - Detail <ul style="list-style-type: none">• Data Modeling in Power BI• Data exploration within Power BI	
Sun, 03.08.2025	Arrival in Munich	

Date	9:00 a.m. - 1:30 p.m.	2:00 p.m. – 6:30 p.m.
Mon, 04.08.2025 IN-CLASS	Data Visualization I: <ul style="list-style-type: none"> Visualization of capital market parameters (e.g. stock returns, cost of capital, risk premiums) 	3:00 p.m. City Tour by bus
Tue, 05.08.2025 IN-CLASS	Data Visualization II: <ul style="list-style-type: none"> Dashboarding within Power BI Geographical analysis 	
Wed, 06.08.2025 IN-CLASS		
Thu, 07.08.2025 IN-CLASS	Data Visualization III: <ul style="list-style-type: none"> Selected topics in financial data analytics 	
Fri, 08.08.2025 IN-CLASS		Team event <ul style="list-style-type: none"> Bavarian culture
Sat, 09.08.2025 IN-CLASS	No class <ul style="list-style-type: none"> Time to prepare student presentations 	No class <ul style="list-style-type: none"> Time to prepare student presentations
Sun, 10.08.2025	8:00 a.m. Day Trip Castle Neuschwanstein	

Date	9:00 a.m. - 1:30 p.m.	2:00 p.m. – 6:30 p.m.
Mon, 11.08.2025 IN-CLASS	Presentations <ul style="list-style-type: none"> • Student presentations of different Power BI topics 	
Tue, 12.08.2025 IN-CLASS	No class <ul style="list-style-type: none"> • Time to prepare exam 	No class <ul style="list-style-type: none"> • Time to prepare exam
Wed, 13.08.2025 IN-CLASS	No class <ul style="list-style-type: none"> • Time to prepare exam 	No class <ul style="list-style-type: none"> • Time to prepare exam
Thu, 14.08.2025 IN-CLASS	Exam: 10:15 – 11:15 Farewell Event	
Fri, 15.08.2025	Departure from Munich	

Note that the agenda is preliminary and may be subject to change.

References:

This course drawn on: Berk, De Marzo. Corporate finance. Peason

Lundholm/Sloan, Equity Valuation and Analysis (with eVal), 3rd edition, Boston et al.: McGraw-Hill/Irwin 2013, ISBN: 978-0073526898, OPAC signature: 0050/QK 620 L962 (3)

Education, 2019. Penman, Accounting for Value, Columbia Business Press 2011.