



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

Big Data Analytics and Business Intelligence (BD)

Munich, Germany
July 26 – August 12, 2027
www.bd-misu.de



Online-Sessions July 26 – July 31
In-class Sessions August 2 – 12

Tentative Schedule



Munich 2027



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 "MS Teams":

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

Classroom in Munich

To be announced

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, 26.07.2027 ONLINE	Introduction • Introduction to big data analytics and business intelligence	
Tue, 27.07.2027 ONLINE	Self study • Time to rework the course content	
Wed, 28.07.2027 ONLINE	Business intelligence and corporate finance • M&A process and valuation framework • Data-driven financial analysis • Capital market parameters	
Thu, 29.07.2027 ONLINE	Self study • Time to rework the course content	Knowledge- and Career event • Specific Corporate finance and/or AI topics • Discuss up to date developments • Career workshop
Fri, 30.07.2027 ONLINE	Data Analytics I • Accessing financial data	
Sat, 31.07.2027 ONLINE	Data Analytics II • Data preparation in the context of financial due diligence	Business Intelligence I - Basic • Data Modeling in Power BI • Data exploration within Power BI
Sun, 01.08.2027	Arrival in Munich	

Date	9:00 a.m. - 1:30 p.m.	2:00 p.m. – 6:30 p.m.
Mon, 02.08.2027 IN-CLASS	Business Intelligence II - Detail • Data Modeling in Power BI • Data exploration within Power BI	
Tue, 03.08.2027 IN-CLASS	Data Visualization I: • Visualization of capital market parameters (e.g. stock returns, cost of capital, risk premiums)	
Wed, 04.08.2027 IN-CLASS	Data Visualization II: • Dashboarding within Power BI • Geographical analysis	2:00 p.m. City Tour by bus Time to prepare student presentations
Thu, 05.08.2027 IN-CLASS	Self study - Group Work • Solving Case Study	
Fri, 06.08.2027 IN-CLASS	Self study - Group Work • Prepare Group Presentations	Corporate Finance and AI Conference Munich • Current Research Topics • Breakout Session for Students • AI and its Impact on Current Finance Applications • Networking Evening and Get-Together
Sat, 07.08.2027 IN-CLASS	Self study • Time to prepare student presentations	No class • Time to prepare student presentations
Sun, 08.08.2027	8:00 a.m. Daytrip Castle Neuschwanstein	

Date	9:00 a.m. - 1:30 p.m.	2:00 p.m. – 6:30 p.m.
Mon, 09.08.2027 IN-CLASS	Presentations • Student presentations of different Power BI topics	
Tue, 10.08.2027 IN-CLASS	Data Visualization III • Selected topics in financial data analytics Closing	No class • Time to prepare exam
Wed, 11.08.2027 IN-CLASS	Self study - Group Work • Group work – Preparation Exam	No class • Time to prepare exam
Thu, 12.08.2027 IN-CLASS	Exam: 10:15 – 11:15	
Fri, 13.08.2027	Departure from Munich	

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

References:

Berk, De Marzo. Corporate finance. Peason

Sabherwal, Becerra-Fernandez, Business Intelligence: Practices, Technologies, and Management. Wiley, 2013.

Imasri/Navathe: Fundamentals of Database Systems, Pearson, 2017

Berk Demarzo, Corporate Finance, Pearson 2019

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