



Foundations in Data Engineering

Introduction to the Course Structure

Maximilian Reif & Alexander Beischl



Teaching Assistants



- Maximilian Reif & Alexander Beischl
- PhD students at the chair for database systems



Course Structure - Overview

- Two lectures each week
- Exam and retake exam
- Three bonus projects

<i>Time</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>
<i>10:00-12:00</i>		<i>Tutorial Session (1)</i>	<i>Tutorial Session (5)</i>	
<i>12:00-14:00</i>		<i>Tutorial Session (2)</i>	<i>Tutorial Session (6)</i>	<i>Tutorial Session (9)</i>
<i>14:00-16:00</i>		<i>Tutorial Session (3)</i>	<i>Tutorial Session (7)</i>	
<i>16:00-18:00</i>	<i>Lecture</i>	<i>Tutorial Session (4)</i>	<i>Lecture</i>	<i>New exercise sheet, Solution of last week</i>



Course Structure - Exam

- Exam & Retake exam on-site (Garching, Munich)
- Exam/Retake exam dates unknown
 - Date of first exam probably released around December
 - Central mail from TUM
- **Additional registration for exam needed!**



Course Structure - Bonus System

- Three bonus projects
 - Small programming tasks
 - Git repository with files
 - Results published on a [leaderboard](#)
- Complete all three projects
 - ➔ Bonus of 0.3 on your final exam grade
 - Bonus only on passed exam (4.0 or better)
- No teams!



Course Structure - Lectures

- **Course website:**
 - Slides
 - Important dates
 - Course info
- **Moodle:**
 - Exercise materials
 - Bonus projects
- **Questions:** i3fde@in.tum.de

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<i>12:00-14:00</i>		<i>Tutorial Session (2)</i>	<i>Tutorial Session (6)</i>	<i>Tutorial Session (9)</i>
<i>14:00-16:00</i>		<i>Tutorial Session (3)</i>	<i>Tutorial Session (7)</i>	
<i>16:00-18:00</i>	Lecture	<i>Tutorial Session (4)</i>	Lecture	<i>New exercise sheet, Solution of last week</i>



Course Structure - Tutorial Sessions

- Weekly exercise sheet
 - apply lecture contents
- Released Friday afternoon (Moodle)
- **Do the exercises yourself before attending the tutorial session**
- Discussed in next week's **tutorial sessions**
- Solution uploaded after the last tutorial session of the week

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<i>14:00-16:00</i>		<i>Tutorial Session (3)</i>	<i>Tutorial Session (7)</i>	
<i>16:00-18:00</i>	<i>Lecture</i>	<i>Tutorial Session (4)</i>	<i>Lecture</i>	<i>New exercise sheet, Solution of last week</i>



Course Structure - Tutorial Sessions

- Tutorial Sessions
 - Eight sessions, identical content
 - All on-site
 - Registration this Friday via TUMOnline (Matching System)
Title: *Exercise Foundations in Data Engineering (IN2326)*
(if not enrolled yet - send us a mail)
 - Registration mandatory

Time	Tuesday	Wednesday	Thursday	Friday
10:00-12:00		Tutorial Session (1)	Tutorial Session (5)	
12:00-14:00		Tutorial Session (2)	Tutorial Session (6)	Tutorial Session (9)
14:00-16:00		Tutorial Session (3)	Tutorial Session (7)	
16:00-18:00	Lecture	Tutorial Session (4)	Lecture	New exercise sheet, Solution of last week



Course Structure - Tooling Sessions

- Tooling sessions
- Help to get started with tools for
 - Exercise sessions
 - Bonus projects
 - E.g. Git, IDE, C++, ...
- Not weekly, only when needed
- Time slots: will be announced

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Questions?