

Principles of E-Commerce I - Big Data Platforms

Assignment 4

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Assignment 4

- Assignments are done in groups of 2 persons (one exception of 3 persons possible)
- ... same group for the 3rd and 4th assignments
- Results (code & description) need to be submitted latest by **July 6, 2015 (23:55h)** – one submission per group!
- Submission of Assignment 3+4 together as one ZIP file!
- Results need to be presented on: **July 8th, 14th and 15th, 2015** (about 15 minutes presentation time + 5 minutes discussion).

Submissions via OLAT

- Registering: <https://olat.server.uni-frankfurt.de/olat/url/RepositoryEntry/3031171083/CourseNode/91531840833533>
- ... only one person per group!



Assignment 4

The HANA-Assignment should show some of the analytical capabilities of HANA. It can consist of one or more of the following parts:

- Create one or more additional views that show meaningful data insights based on the content of the "\$TA_tweets" index and "Tweets" table. You could also create a different index (we used the "EXTRACTION_CORE_VOICEOFCUSTOMER" configuration in our exercise) based on a different analytical HANA function.
- Extend the dynamic web project (Java/JDBC application) we created in the first exercise with some meaningful analytical parts (make use of the e.g. "Tweets" table, "\$TA_tweets" index and/or views). The application could be deployed on the HANA cloud platform and the browser could be used as front end and/or for the user interaction.
- For the presentation you could additionally make use of the "Open Data Preview" window to show some meaningful ad-hoc analysis of the data stored in HANA.

Assignment 4 – Submission

- Data of Group members including: „**Name, Matrikelnummer und Studiengang**” in a file called “group_data.txt”.
- Folder: „Assignment4“ including a brief description (max. 500 words) and source code of your solution. Include appropriate comments where necessary.
- Do not forget to add the slides presenting your solution. (Presentation will be on: July 8th, 14th and 15th.)