Interested in learning about working with a state-of-the-art data warehouse (DWH) & machine learning?

In cooperation with the Chair for Strategy and Organization (TUM) and Travian Games GmbH, we provide you with the unique opportunity to create your own warehousing system with game data and to implement survey data for current research projects.

About Travian Games

Based in Munich, Travian Games is one of the leading developers and publishers of Massive Multiplayer Online Games (MMOGs). Founded in 2005, the company employs about 200 professionals in offices located in Munich, Cologne, and Hamburg. Their games have been published in 52 countries around the world with more than 150 million registered players until today.

About TUM CSO

For 10 years now, the Chair for Strategy and Organization is conducting research projects in the context of virtual communities in online games. Three generations of researchers have worked on multiple studies based on data from the online game “Travian”. For our current project on this data, our close collaboration with Travian Games GmbH was even reinforced by one of the founders joining our team. Within this DFG funded project, we aim to investigate the dynamic relationships of trust with its antecedents and outcomes and, thus, progress our knowledge on this highly debated topic. As we plan to set up a new environment for collecting and analyzing data, we have designed an IDP to support us in this project.
Scope of the IDP

- Designing a layout of the data warehouse in cooperation with experts at Travian Games
- Selecting software architecture and applications used (open source)
- Implementation of APIs needed for import
- Data handling and consistency checks
- Documentation

Skill requirements

Applicants should identify themselves with the following points:

- Interest in Big Data applications and frameworks
- Experience in Java, MySQL/MariaDB
- Advanced skills in SQL and Linux (Debian)
- Basic skills in server administration & data security as well as Java EE are recommended

Excellent knowledge of the German and English language

Why joining us?

- We provide you with the opportunity to learn everything about DWH management and implementation as well as big data analysis in real life
- Full responsibility for designing and implementing a new system
- Internship within Travian Games (optional)
- Valuable Insights into the gaming industry
- fun@work ;-)

Keywords: data warehouse (DWH), online games (MMOG), data handling, data analytics, open source solutions, machine learning, bot detection, security

Contact

If you are interested, please send your CV, a short description of your working experience and a brief statement why you are interested in working with us to:

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