Seminar: Visualization of Sports Data

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Data is becoming increasingly relevant in sport journalism. In this seminar, students from Statistics/Data Science and Journalism will work in teams to research, evaluate and present interesting facts about different sports.

The fundamental question is what the data from the world of sports say about society as a whole. The goal is a (book) publication along the lines of „Sports Geek“ by Rob Minto, of course with its own content focus and forms of presentation.

The seminar is supervised by an interdisciplinary group of lecturers.

From „Sports Geek“: A generational history of Wimbledon champions
From „Sports Geek“: World Cup woes
Financial Relevance of E-Sports

Top 10 Prize Pools by Event (2018)

- **World Series**: $66,000,000
- **US Open - Tennis**: $53,000,000
- **FedEx Cup**: $35,000,000
- **Dubai World Cup Night**: $27,250,000
- **The International**: $25,500,000
- **US Open - Golf**: $12,000,000
- **The Masters**: $11,000,000
- **Super Bowl**: $9,200,000
- **Stanley Cup**: $7,000,000
- **LoL World Finals**: $6,450,000

![Bar Chart]

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As a second dimension besides the different sports disciplines, we consider socially relevant issues that are of interest across sports, such as:

- Fairness
- Doping
- Commercialization
- etc.
Skills

- Independent scientific work
- Presentation in written and oral form.
- Expanding methodological expertise
- Interdisciplinary qualifications: teamwork, presentation techniques, communication skills
- Consulting skills
Who, When and Where?

- Target audience: master students and motivated bachelor students in statistics and data science.
- 11 tandems, 22 participants, 11 of them from Statistics/Data Science.
- If you are interested, please send an e-mail to groll@statistik.tu-dortmund.de. Andreas Groll sends an e-mail as soon as the LSF is activated, then you register via the LSF. The order of the registrations in the LSF matters!
- Date: TBA
- Important: constant participation throughout the semester is mandatory!!!