Learning Analytics in L²P

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Vision

- Analytics as an integral service for
  - Professors and students
  - RWTH governing bodies

- How
  - In every course on the learning platform
  - Data-driven decision making tool
How to get there – Strategic Roadmap

- Develop institutional strengths
- Data availability
- Analysis and insight creation
- Develop analytics processes that impact
  - Teaching and learning
  - Decision making
Where are we?

- Basic Analytics
  - Based on usage data from the platform
  - Course based
  - Institution based

- Pilot Phase SS17
  - Collect experience and feedback
VISUALIZATIONS
Users on the L²P Platform

Requests and Distinct IPs (Users)

10M
1M
100k
10k
1k


Requests
Distinct IPs

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Devices distribution on L²P

Desktop vs. Mobile (different clients)

- Desktop Clients has 5,524 different devices or 64.4% share.
- Mobile Clients has 3,056 different devices or 35.6% share.

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Materials vs. Media

- Architektur
- Bauingenieurwesen
- Elektrotechnik
- Georesourcen
- Maschinenwesen
- Mathematik

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Formative Assessment in Fak. 1 (SS 17)
What’s next:

- Help us define the vision and goals in details
  - What does learning/teaching success mean?
    - eLearning scenarios, use cases, questions
  - Identify decision processes which benefit from analytics
- Increase data acceptance and literacy
- Data privacy challenge