INFORMATION AND COMMUNICATION TECHNOLOGIES FOR ANALYTICS OF INDIVIDUAL TRACKING IN FOREIGN LANGUAGE TEACHING

A. Kovaleva,
O. Anchugova,
D. Zarifullina,
D. Kurmanova,
M. Tkacheva

Ural Federal University
Ekaterinburg, 2019
Electronic educational platforms
Big Data

- analyze information
- systematize a large volume of information
- adapt teaching process in accordance to the educational goals
Big Data 3V Model
Additional characteristics of Big Data

- **Volume**
  - Data Size
- **Value**
  - Data Knowledge
- **Viability**
  - Outcomes Prediction
- **Veracity**
  - Data Quality
- **Velocity**
  - Data Speed
- **Variety**
  - Data Types
Big Data in Educational process
Electronic educational platform
MyGrammar Lab, Pearson
New opportunities in developing various skills
Analytics of individual tracking
Diagnostic chart “Time/Unit”

- The amount of time spent by the students on each task in a unit
Diagnostic chart “Time/Sub-section”

- The average time spent on a task in a course unit MyGrammarLab
Diagnostic chart “Attempt/Score”

The number of attempts and the average score of all the units.
The tab page “Messages”
Methodology for MyGrammarLab implementation

- The teacher creates a course
- The students join the course
- The teacher uses video to introduce new material
- Students study theoretical material from the book
- The teacher makes regular assignments in the course
Progress results in the group
Individual teaching tracking for each student
Thank you for your attention!