Package ‘rise’

October 4, 2018

Version 1.0.4
Title Conduct RISE Analysis
Description Implements techniques for educational resource inspection, selection, and evaluation (RISE) described in Bodily, Nyland, and Wiley (2017) <doi:10.19173/irrodl.v18i2.2952>. Automates the process of identifying learning materials that are not effectively supporting student learning in technology-mediated courses by synthesizing information about access to course content and performance on assessments.
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Encoding UTF-8
LazyData true
ByteCompile true
RoxygenNote 6.0.1
Depends R(>= 2.10.0), ggplot2, dplyr, stats
Suggests testthat
BugReports https://github.com/lumenlearning/rise/issues
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RISE Analysis

**Description**

Conduct RISE analysis to automatically identify learning outcomes whose learning resources or assessments might benefit from continuous improvement efforts.

**Usage**

`rise(df, visual = FALSE)`

**Arguments**

- **df**: A dataframe containing three columns: outcome name, avg score on aligned assessments, and average views of aligned learning resources. The columns in the data frame must be in exactly this order.
- **visual**: When this argument is FALSE (the default), the function returns an annotated data frame with RISE information in the final two columns. When this argument is TRUE, the function returns a ggplot2 graph of the RISE diamond.

**Value**

Returns either an annotated data frame or a graph, depending on the value of visual.

**Examples**

```r
c library(ggplot2)
rise(sample_df, visual = TRUE)
```

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**sample_df**

**RISE analysis sample data**

**Description**

Seven learning outcomes, average scores on aligned assessments, and average number of views of each aligned resource.

**Usage**

`sample_df`
Format

A data frame with 7 rows and 3 variables:

- **outcomes**  a learning outcome
- **avg_scores**  average score on aligned assessments
- **avg_views**  average views per student of each aligned learning resource
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