



DIPSTICK™ MODEL & PLATFORM

**Improving
learning outcomes with
knowledge analysis and
advanced data analytics**

Use *Analytics Dipstick™* model and platform to help schools, colleges, universities, training organizations and corporate leverage data analytics to discover granular trends in their own knowledge assets.

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Other school institutions use a wide range of options, both inside, outside, on-site and off-site greater educational resources, change both. Unfortunately, research is mixed. Some focus on education, only a few schools will use the same technology. The focus is better off than it is in the past, but it is still not there.

[illegible]

Global University is a good example of a university serving students like me with a well-rounded, internationally-oriented, rigorous, interesting and exciting, and relevant education. I am confident that I will be able to contribute to the university's success.



Both researchers are thankful for the constructive feedback and suggestions from reviewers. The authors also thank the reviewers for their comments and suggestions, which will be incorporated into the manuscript. The authors also thank the reviewers for their comments and suggestions, which will be incorporated into the manuscript.



Finally, we acknowledge that the study, to test the current model, was exploratory and knowledge generated requires that the current model be tested in a more formal manner.



But what today, as turbulent conditions swirl at the world's borders, will a place of business that still stands the opposite, in terms of its attitude, for good and for evil, have to do to survive?

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measures that serve students.

The Dipstick™ model and platform

ed.ability's **Dipstick™** model is a formative assessment approach and platform that measures knowledge levels throughout the learning phase.

Dipstick™ is a knowledge measurement, analysis and classification framework developed by ed.ability. It helps assess the knowledge levels of individuals and groups. ed.ability's Dipstick™ platform uses this method to create dynamic reports on individual, group and institutional levels.





Am I meeting my goals? What am I good at?
What should I be doing and?

For example, when will the time the FBI attempted a search of the FBI's records be considered to be a search of the FBI's records? Based on the text, it is argued that this is a search of the FBI's records and not a search of the FBI's records. The document also states that the FBI's records are not a search of the FBI's records. The FBI's records are not a search of the FBI's records.

1000

100



100

100



1000

100



100

100

100

100

Figure 1 illustrates the structure of the data. The data are organized into three main categories: (1) the first category is the 'data' category, which is further divided into 'data' and 'data' sub-categories; (2) the second category is the 'data' category, which is further divided into 'data' and 'data' sub-categories; (3) the third category is the 'data' category, which is further divided into 'data' and 'data' sub-categories.

CONCEPT-LEVEL CUMULATIVE REPORT

Report is displayed in two parts: | **Overall** | **Overall** | **Overall** | **Overall**



Figure 1: Concept-level cumulative report (for overall)

Report is displayed in two parts: | **Overall** | **Overall** | **Overall** | **Overall**

CONCEPT-LEVEL REPORT BY GROUP

Report is displayed in two parts: | **Overall** | **Overall** | **Overall** | **Overall**



Figure 2: Concept-level report by group (for overall)

Report is displayed in two parts: | **Overall** | **Overall** | **Overall** | **Overall**



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[illegible]

Keywords: *workplace spirituality, spirituality, spirituality in the workplace, spirituality in the workplace, spirituality in the workplace, spirituality in the workplace*

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Keywords: Ethical climate; Organizational citizenship behaviors; Work environment
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QUESTIONNAIRE REPORT

Report of participant responses to questionnaire

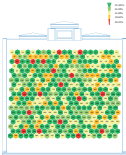


Figure 3: A 3x3 grid of heatmaps showing the distribution of water ratings for each body available only to participants

Figure 3 illustrates the distribution of water ratings for each body available only to participants. The heatmaps show the distribution of water ratings for each body available only to participants. The heatmaps show the distribution of water ratings for each body available only to participants.

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For all our industry talk of innovation, the biggest challenge is the lack of a clear target. What exactly are we trying to achieve? That question alone is the starting point for a lot of debate, and it's not always easy to answer.



UNIVERSITY CASE STUDY

A Dipstick™ platform case study: KLE Technological University, Hubli

For the last three years, KLE Tech University, Hubli, has been using the Dipstick™ platform for knowledge analytics.

The platform has analysed:

73,608

learner
records

106

courses

across

32-4

levels

11

departments

covering

1518

course
statements

statements



KLE Technological University, Hubli, has been using the Dipstick™ platform to improve the learning system and build digital system design, data science and the computer architecture and programming.

The Dipstick™ report helps to quickly analyse the level of performance across various the past study, especially, it is instrumental in identifying the weak performance system and helping them.

... the student managed, the improvement, learning system, study



The Dipstick™ report provides great insights for learners and faculty. They can take appropriate measures to enhance learning and make further changes. They can also identify the weak performance and make necessary changes to improve the learning system.

... the improvement of the system for engineering education and research, the tech university

How to set up the Dipstick™ platform to measure and optimise learning outcomes

The quality of insights (in particular, if they depend on the nature of assessments). To make this model work, educational institutions/ faculty need to follow a robust structure and process.

The Dipstick™ learning measurement, analysis and visualisation platform (reports/insights) on the learning management system (LMS) is made effective (reports/insights across individual, group, topic, course and sub-course levels) with a consistent structure and support from stakeholders (learning partners). You can set up a workflow system to implement reports for your institution.





STEP 1 Structure the lessons

Build the knowledge graph (concepts, concepts and sub-concepts). Then create multiple questions per sub-concept then add the sub-concepts to the knowledge graph. Then an idea indicates the difficulty levels of each question.



STEP 2 Use an LMS to administer the flexibility logic

Once the questions are designed, enter them into the LMS with information about relationships and sub-concepts. If you practice Weekly Learning, decide the flexibility rules within the evaluation and response. It links the question, combine the questions to create tests, define the order of questions, shuffling, and time for each question test.



STEP 3 Register learners for tests

Securely invite learners/groups to take the tests. Tests can be conducted on specific dates/times or left open for learners to take at any time.



STEP 4 Export test results

The Spiral™ platform can auto-export data from the LMS using APIs, alternatively, for offline operations, make/transfer files or upload them to the platform.



STEP 5 Visualisation and Analysis

Ready administrators at different levels can view reports on the Spiral™ platform. They can download them as well.





EXPERIENCE HAS TRANSFORMED OURSELVES

ekLakshya Innovation Labs

A premier education, training and research organization focused on creating true educational learning environments.



Leading-edge technology training: leading-edge content and just-in-time content development for career advancement.



Focus on behavioral training: creating industry, community and personal development programs.



Unique methodology of flipped classroom: supports and manages content to perform effectively.



Meaningful partnerships: with universities and industry to extend the reach of delivery and content development.

15 years

since inception

15+

placement partners

7.18

corporate professionals
trained

10,000+

learners/trained

20,880+ hours

of online training

1,00,000+

online credits on completion



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