analytikus

Online Commitment

High Level Proposal

Through Machine Learning and AI Solutions we empower educational institutions to increase their students' success rate.

Global EdTech Startups Awards

LATAM WINNER

Imagine if starting on day 1 of college, you could know what are the chances for each student to drop out? What would you do?

Through Machine Learning and AI Solutions we empower educational institutions to increase their students' success rate.

RETENTION - ATTRACTION – STUDENT SUCCESS

Some of the institutions we're working with.

Universidad de los Andes

Universidad Privada del Norte

UVM Universidad del Valle de México
LAUREATE INTERNATIONAL UNIVERSITIES

Tecnológico de Monterrey

UPC
Universidad Peruana de Ciencias Aplicadas

UNID
Universidad Interamericana para el Desarrollo

UNITEC
Universidad Tecnológica de México
piensa actúa avanza

Universidad Anáhuac
Vince in bono malum

Arthur Lok Jack Graduate School of Business
Innovatus Ars Docendi

Atlantis University

AIEP de la Universidad Andres Bello

INTI

uip Universidad Interamericana de Panamá
LAUREATE INTERNATIONAL UNIVERSITIES

U-ERRE

Universidad del Rosario

Universidad Europea
LAUREATE INTERNATIONAL UNIVERSITIES

Malaysia

Summer 2018

Leadership Team & Presence

Miguel Molina-Cosculluela
Founder & Analytics Evangelist
+14 years

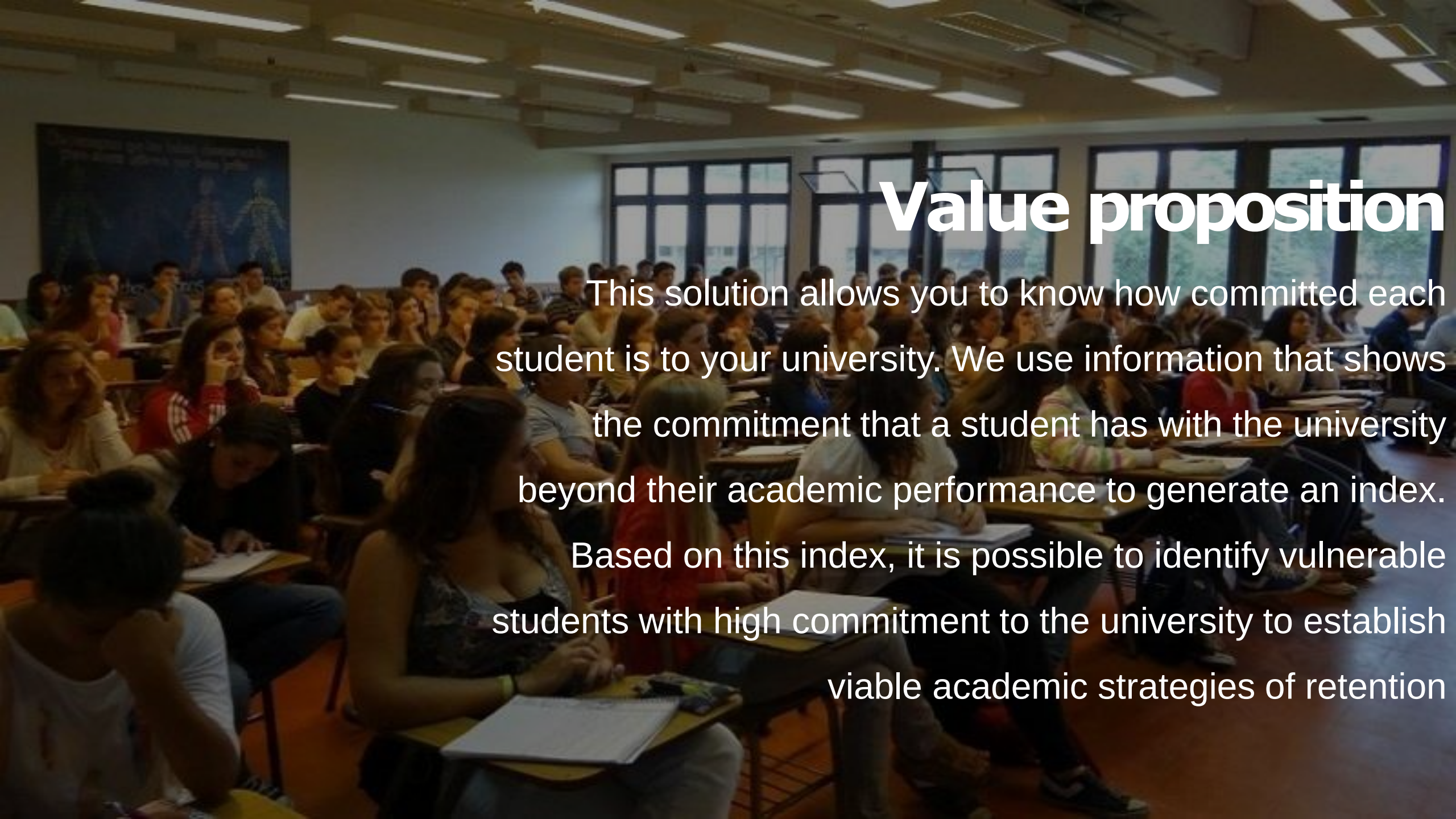
Computer Systems
Tec de MTY, IESE, Berkeley, MIT
Co-founded another Startup

Armando Alvarez
Co-Founder & Chief Data Scientist
+14 years

Applied Mathematics
ITAM, UNAM
Had already a startup exit

Online Commitment

"Identify vulnerable students with a high commitment to your university to retain them"



Value proposition

This solution allows you to know how committed each student is to your university. We use information that shows the commitment that a student has with the university beyond their academic performance to generate an index. Based on this index, it is possible to identify vulnerable students with high commitment to the university to establish viable academic strategies of retention

TESTIMONIAL

"" Analytikus has helped us show the potential that artificial intelligence solutions have to optimize the paradigm shift represented by our TEC 21 plan within the context of digital transformation “

Cinthya Quiñones – Transformación Digital ITESM

Problem and benefits

Business driving forces

1) Lack of commitment to the university

2) Lack of indicators of student commitment measurement

3) Failure due to lack of commitment and motivation and lack of knowledge on the part of the students' teachers

Solution

1) Student commitment through an indicator

2) Defining a way to segment and identify vulnerable students

3) Connection with university systems

4) Results displayed on dashboards

Key Benefits

Allows direct impact on the student's personalized monitoring

Direct impact on the failure rate per course

Improve student performance and academic level

Primary Components of the Solution

Integrates information for student commitment

- Connection with different university source systems
- Integration of a single profile per student

Measure the commitment of each student

- Calculate of Statistical Student Engagement Index

Identifies vulnerable groups of students

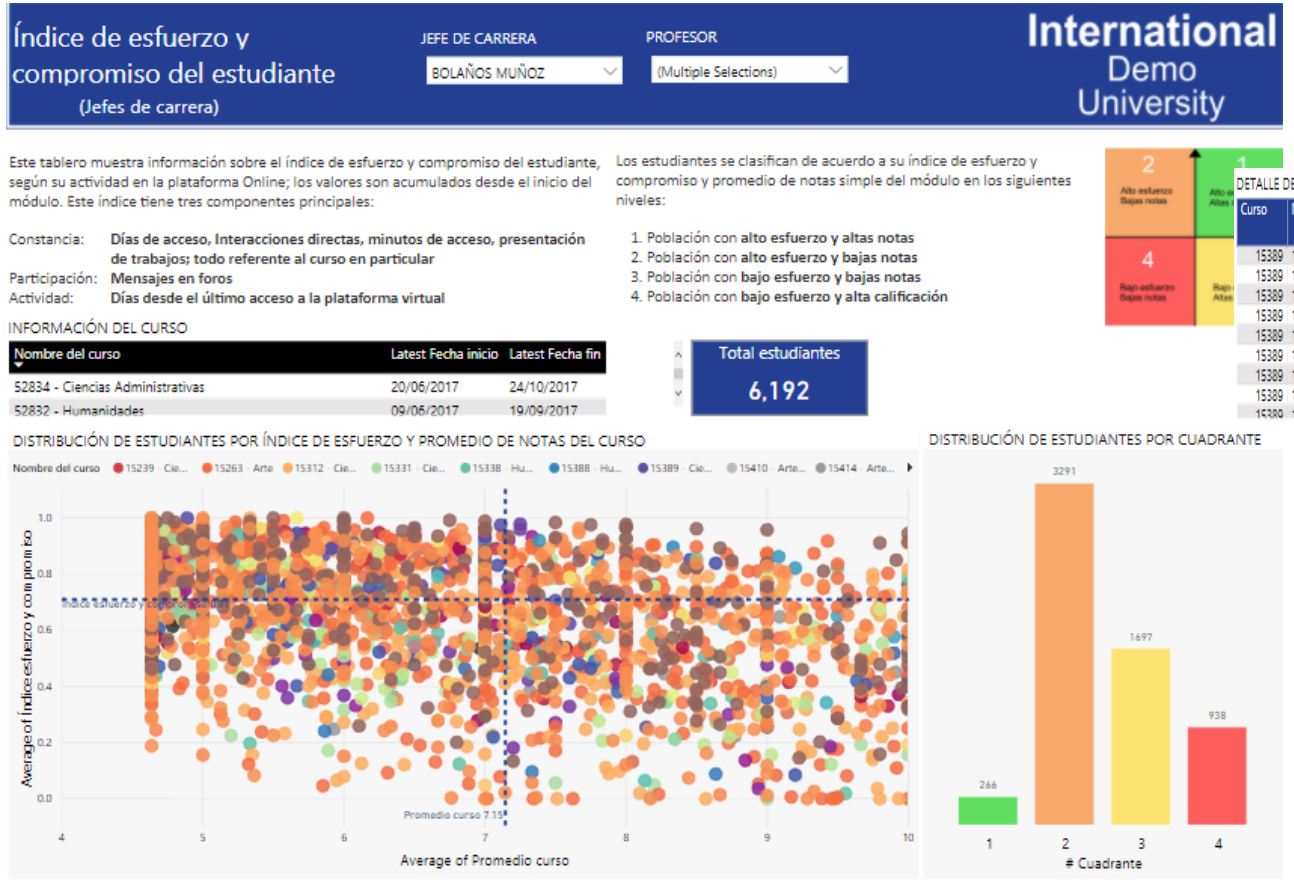
- Contrast the commitment with the notes of each student
- Identify vulnerable groups: high commitment / low grades, low commitment / high grades

Displaying results on Dashboards

Dashboards to identify vulnerable students

Display indashboards:

1. Strategic dashboards: Online commitment index



2. Operational dashboards: individual factors

How does itwork?

1. Solution as a service on the cloud
2. Automated intake through connectors
3. Hosting, storage, maintenance calibrations.

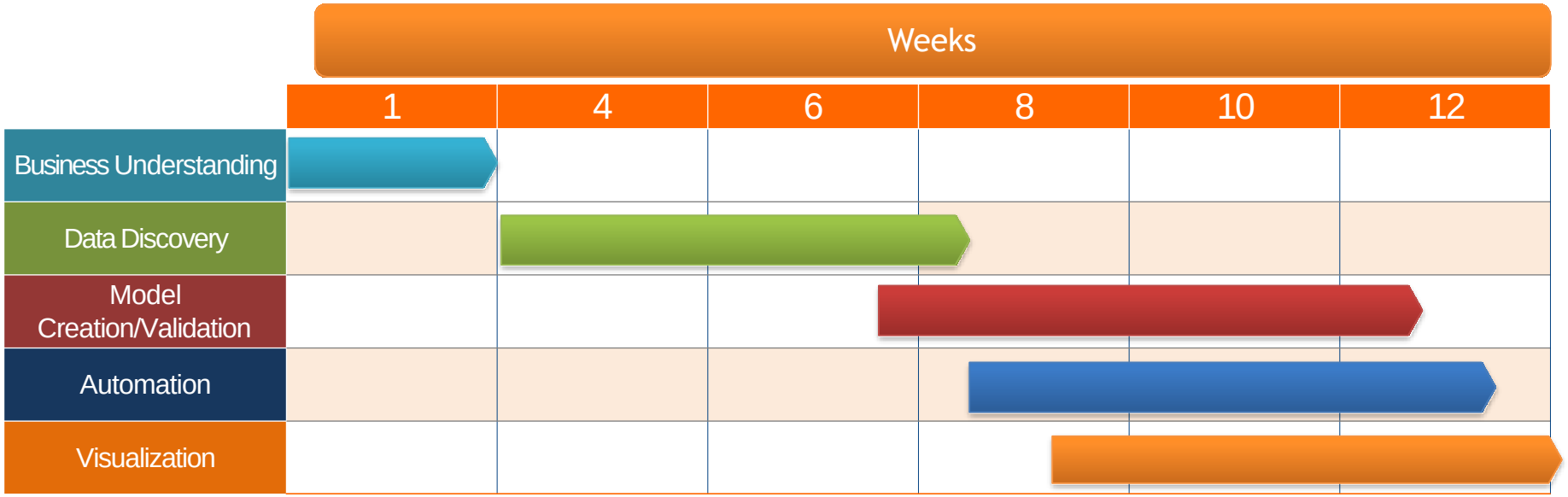
Some information we've used in our models

At the beginning of the project, a series of workshops will take place in order to define the potential data to be included. (Below an example of potential data to be integrated).

Presencial Data	On line Data
• Access to the campus • Library access • Access classrooms • Access to sports facilities • Members special teams • Member of sports teams • Assistance to special events • Etc	• Number of accesses • Number of documents • Number of exams • Number of files • Number of assignments • Number of entries • Minutes • Last access • Task text • Exams text • Etc

High Level Project Plan

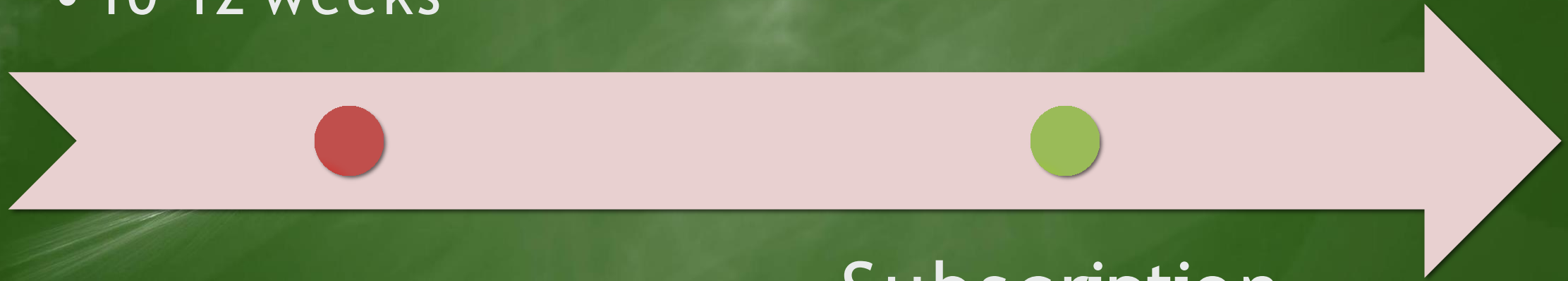
A detailed project plan, will be provided at the beggining of the project (kick-off).



Business Model

Implementation

- 10-12 weeks



Subscription monthly

THANK YOU

We look forward to further discuss our solutions and vision at your earliest convenience.

Miguel Molina-Cosculluela: mmolina@analytikus.com

Armando Alvarez aalvarez@analytikus.com