

HUDK 5053:

Feature

Engineering Studio

News



Tear Down That Wall? Why Data Walls May Cause More Harm Than Good.

By Tina Nazerian Sep 7, 2018

Return on investment in higher education: a student's view **THE DAILY SENTINEL**



NEVADA TAKES STRONG APPROACH TOWARD VIRTUAL CHARTER SCHOOL DATA



THE TOP 10 DATA MINING TOOLS OF 2018



The artist as an algorithm: robot-made Rembrandt for sale

Events

Title	Date	Link
Semi-automated exploration and extraction of data in scientific tables	5:00pm September 26	https://cvn.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=c3b4fa1d-5fac-4a48-93f8-a9530130e792
Data Science Institute Town Hall	10:00am September 28	https://events.columbia.edu/cal/event/eventView.do?b=de&calPath=%2Fpublic%2Fcals%2FMainCal&guid=CAL-00bb9e28-657a7368-0165-7c79c918-0000182cevents@columbia.edu&recurrenceId=
California Safe Drinking Water Challenge	Due Oct 1	http://waterchallenge.data.ca.gov/
Changing the Airline Industry Beyond the Aircraft	5:00pm October 4	https://events.columbia.edu/cal/event/eventView.do?b=de&calPath=%2Fpublic%2Fcals%2FMainCal&guid=CAL-00bb9e24-655b8449-0165-5e0596df-00001917events@columbia.edu&recurrenceId=
Learning Analytics in Physical Spaces	12:00pm October 2	https://events.nyu.edu/#!/view/event/event_id/215979
People centric approach to optimize Data Science, Commercial impact and Leadership	10:30am November 14	https://events.columbia.edu/cal/event/eventView.do?b=de&calPath=%2Fpublic%2Fcals%2FMainCal&guid=CAL-00bb9e24-655b8449-0165-5e0ea7e9-00001957events@columbia.edu&recurrenceId=
Big Data for Intelligence Symposium	Washington DC, October 16 - 17	http://bigdatasymposium.dsigroup.org/

- THE ROADMAP TO VALUE -

Stage 1: VISION

Description: The goals for the product and it's alignment with the company's strategy
Owner: Product Owner
Frequency: At least annually



Stage 2: PRODUCT ROADMAP

Description: Holistic view of product features that create the product vision
Owner: Product Owner
Frequency: At least biannually



Stage 3: RELEASE PLANNING



Description: Release timing for specific product functionality
Owner: Product Owner
Frequency: At least quarterly

(Stages 1-3 are best practices outside of core Scrum)

Stage 7: SPRINT RETROSPECTIVE

Description: Team refinement of environment and processes to optimize efficiency
Owner: Scrum Team
Frequency: At the end of each sprint



Stage 6: SPRINT REVIEW

Description: Demonstration of working product
Owner: Product Owner and Development Team
Frequency: At the end of each sprint



Stage 5: DAILY SCRUM

Description: To establish and coordinate priorities of the day
Owner: Development Team
Frequency: Daily

24 HOURS

1-4 Weeks

SPRINT

Stage 4: SPRINT PLANNING



Description: Establish specific iteration goals and tasks
Owner: Product Owner and Development Team
Frequency: At the start of each sprint

Release Product

[Per the Release Plan]

Preparation

Execution

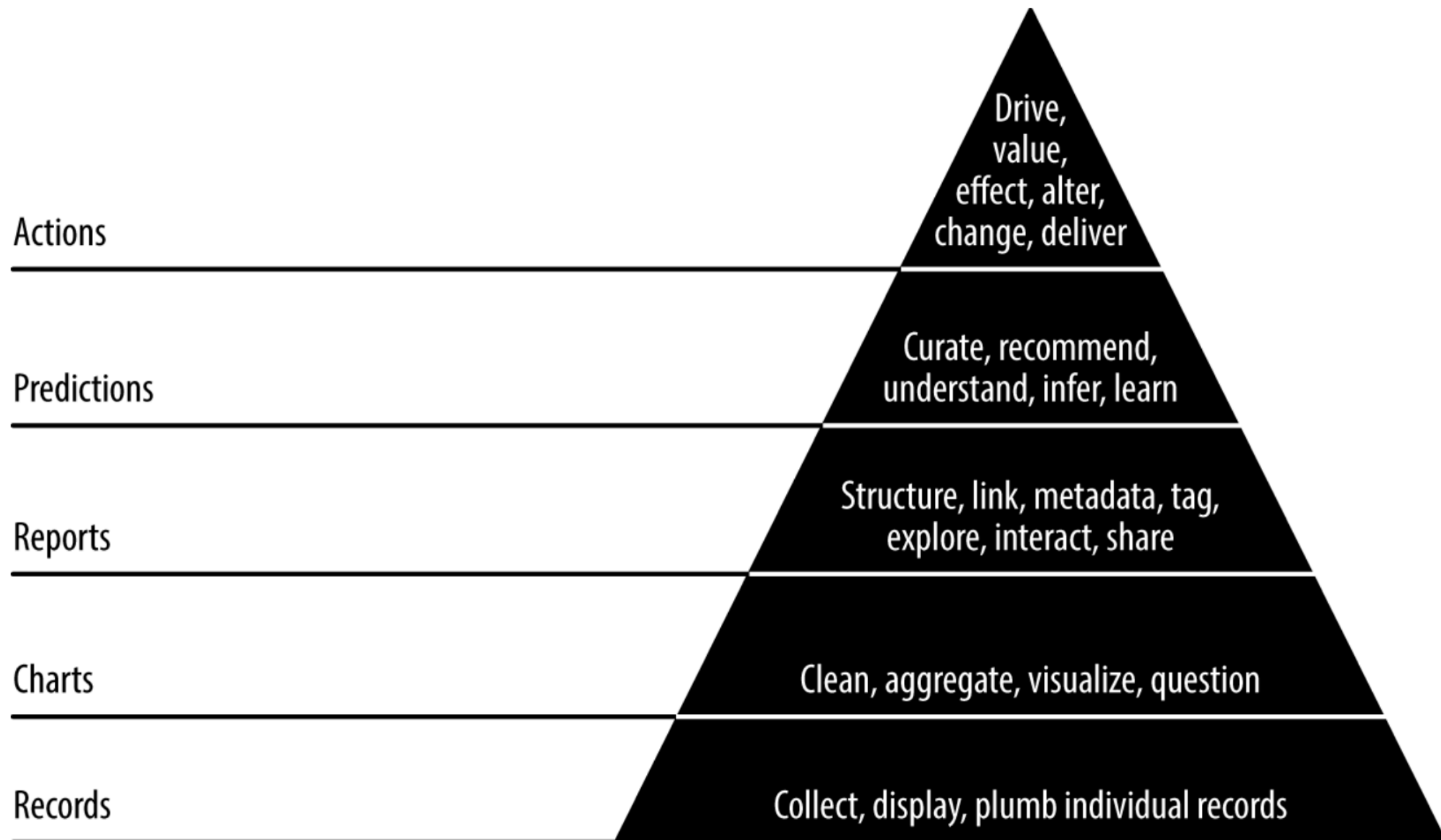


Figure 1. The data-value pyramid. Figure courtesy of Russell Journey.

Customer, developers, business, data

Sprint Roles

Appoint:

- Product owner: leads the design and idea
- Product facilitator: keeps track of progress, manages tasks

Sprint Plan

- In 15 minutes plan what you will do for the next hour
- What have you completed already?
- What do you need to work on today in the next hour?
- What are the roadblocks?

Sprint Review

- At the end of the hour report out:
 - Vision
 - Working code

Sprint Retrospective

- What worked about how you completed the tasks?
- What did not work?
- What improvements would you make for the next Sprint?