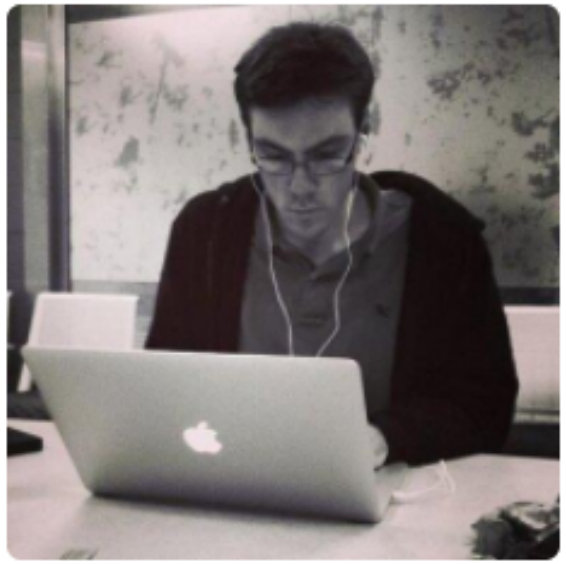
AI in Government

Some practical considerations.

J-P Fournier, Project Director
Integrated Data Division

<Chapter 1>
Mark.



Mark

Block or report user

Canada
Sign in to view email
http://moberemk.com

Popular repositories

codeigniter-restserver
Forked from chriskacerguis/codeigniter-restserver

A fully RESTful server implementation for CodeIgniter using one library, one config file and one controller.

PHP ★ 1

CakePHP-2-MathCaptcha-Component
Forked from KonstantinKo/CakePHP-2-MathCaptcha-Component

A plain-text CAPTCHA based on simple math problems, developed as a CakePHP2 component.

PHP

cakephp
Forked from cakephp/cakephp

CakePHP: The Rapid Development Framework for PHP - Official Repository

PHP

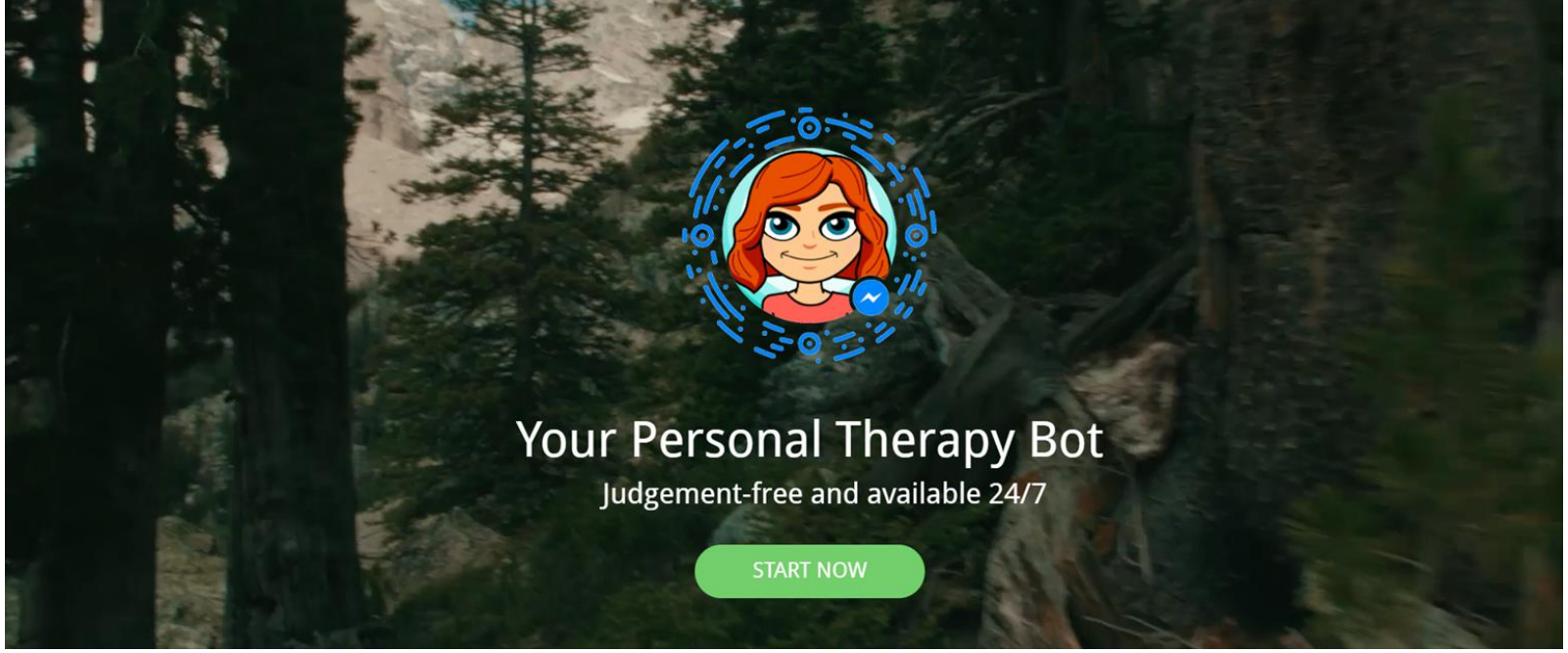
isotope
Forked from metafizzy/isotope

An exquisite jQuery plugin for magical layouts. Enables filtering, sorting, and dynamic layouts.

JavaScript

AndroidRTPVideoStreamer

cakephp-upload



CBT Expert

Serenity has read all the books, learnt all the techniques, and has already completed tens of millions of therapy sessions with struggling people

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She remembers what you tell her and uses that in your future session, building a custom program to suit your needs and ensure your comfort.

Start in Seconds

Best of all, there's no app to download; you can message her from an existing chat app (like Facebook Messenger) and get going in seconds. No long sign ups or complicated process!

<Chapter 2>
Reality.

No	Marketing Budget	Categories	Unit	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16
10460	Benefits	1-Personnal	0	12,034	13,565	10,674	13,095	16,392	12,357	20,775	24,766
35246	Payroll taxes	1-Personnal	0	345	347	154	1,953	374	534	-	-
76745	Salaries	1-Personnal	1	521	434	178	519	1,850	543	764	133
76023	Commissions and bonuses	1-Personnal	0	0	2,300	189	90	23	456	246	346
23674	Personnel Total	1-Personnal	1	12,900	16,646	11,195	15,657	18,639	13,890	25,326	25,599
14678	Web Research	2-Marketing	2	6,000	2,300	5,000	1,500	1,200	1,266	1,500	4,600
10567	Independent Reaearch	2-Marketing	1	2,000	5,420	3,000	2,100	900	580	4,252	3,674
96643	Firm Research Fees	2-Marketing	0	8,200	4,900	2,000	8,000	-	4,500	6,800	7,550
17695	Market Research Total	2-Marketing	3	16,200	12,620	10,000	14,600	10,100	5,312	10,252	15,074
94015	Promotions	3-Commu	2	1,239	190	1,245	432	134	357	2,466	-
75321	Branding	3-Commu	1	522	431	573	323	612	453	355	-
95235	Web Advertising	3-Commu	1	10,432	-	10,430	14,093	12,890	13,555	24,890	45,780
32564	Direct Marketing	3-Commu	0	-	532	156	1,090	234	425	236	3,688
68508	Newspaper Advertising	3-Commu	0	-	1,243	12	567	34	346	865	3,467
06342	Communication Total	3-Commu	4	12,662	19,330	12,416	16,505	13,904	15,136	28,812	56,965
						15,000	15,890		1,367	247	478
						155	200		145	207	
						100				500	
						356				678	
						15,611				1,632	
										20,775	
										-	
										764	

Sheet 1 Sheet 2 +

AM 08:15

<Chapter 3>

Fast Forward.

STIR

Startup in Residence

+

=

Government

Startups

Better solutions for citizens

2 Years.

Nine Startups.

Eight Products.

<Chapter 4>

We’re already doing AI.

AI Justice Challenge.

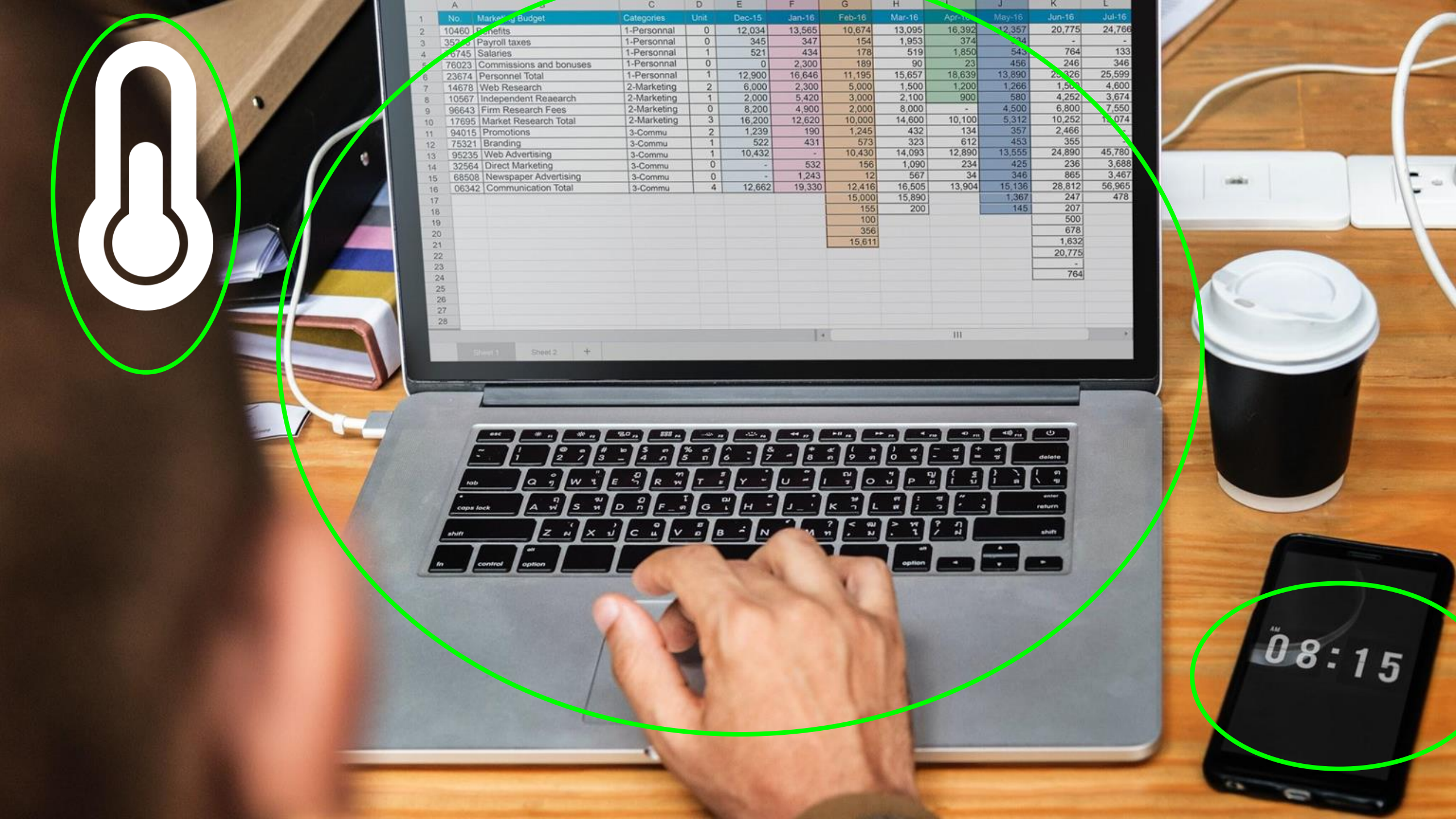
Ministry of Attorney General

EAO Comment Tagging STIR Project.

Environmental Assessment Office

Grant and Funding Finder.

Ministry of Jobs, Trade and Technology.


No
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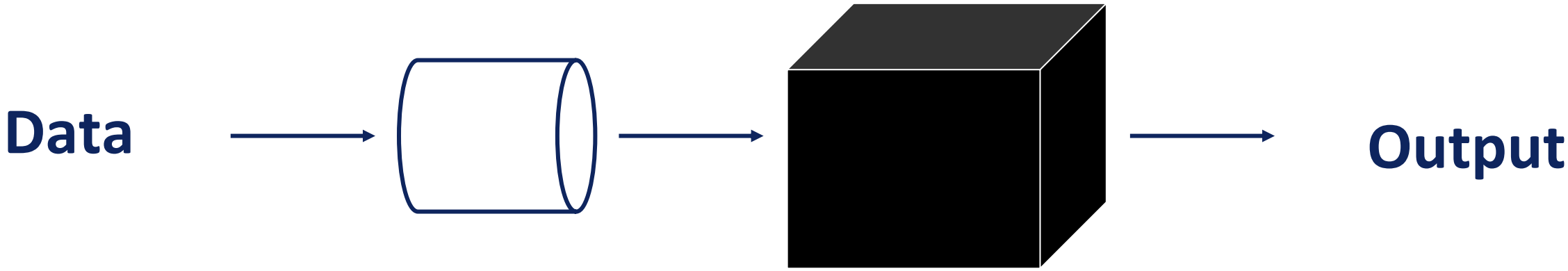
Jul-16
10460 Benefits 1-Personnal 0 12,034 13,565 10,674 13,095 16,392 20,775 24,766
Payroll taxes 1-Personnal 0 345 347 154 1,953 374 - -
Salaries 1-Personnal 1 521 434 178 519 1,850 764 133
76023 Commissions and bonuses 1-Personnal 0 0 2,300 189 90 23 456 246 346
23674 Personnel Total 1-Personnal 1 12,900 16,646 11,195 15,657 18,639 13,890 25,599
14678 Web Research 2-Marketing 2 6,000 2,300 5,000 1,500 1,200 1,266 4,600
10567 Independent Reaearch 2-Marketing 1 2,000 5,420 3,000 2,100 900 580 4,252 3,674
96643 Firm Research Fees 2-Marketing 0 8,200 4,900 2,000 8,000 - 4,500 6,800 7,550
17695 Market Research Total 2-Marketing 3 16,200 12,620 10,000 14,600 10,100 5,312 10,252
94015 Promotions 3-Commu 2 1,239 190 1,245 432 134 357 2,466
75321 Branding 3-Commu 1 522 431 573 323 612 453 355
95235 Web Advertising 3-Commu 1 10,432 - 10,430 14,093 12,890 13,555 24,890 45,780
32564 Direct Marketing 3-Commu 0 - 532 156 1,090 234 425 236 3,688
68508 Newspaper Advertising 3-Commu 0 - 1,243 12 567 34 346 865 3,467
06342 Communication Total 3-Commu 4 12,662 19,330 12,416 16,505 13,904 15,136 28,812 56,965
15,000 15,890 1,367 247 478
155 200 145 207
100 500
356 678
15,611 1,632
20,775
764
Sheet 1
Sheet 2
08:15

<Chapter 5>

The Recipe.


Data
Output

Data. Bonus points for labels.

Clear Business Problem.

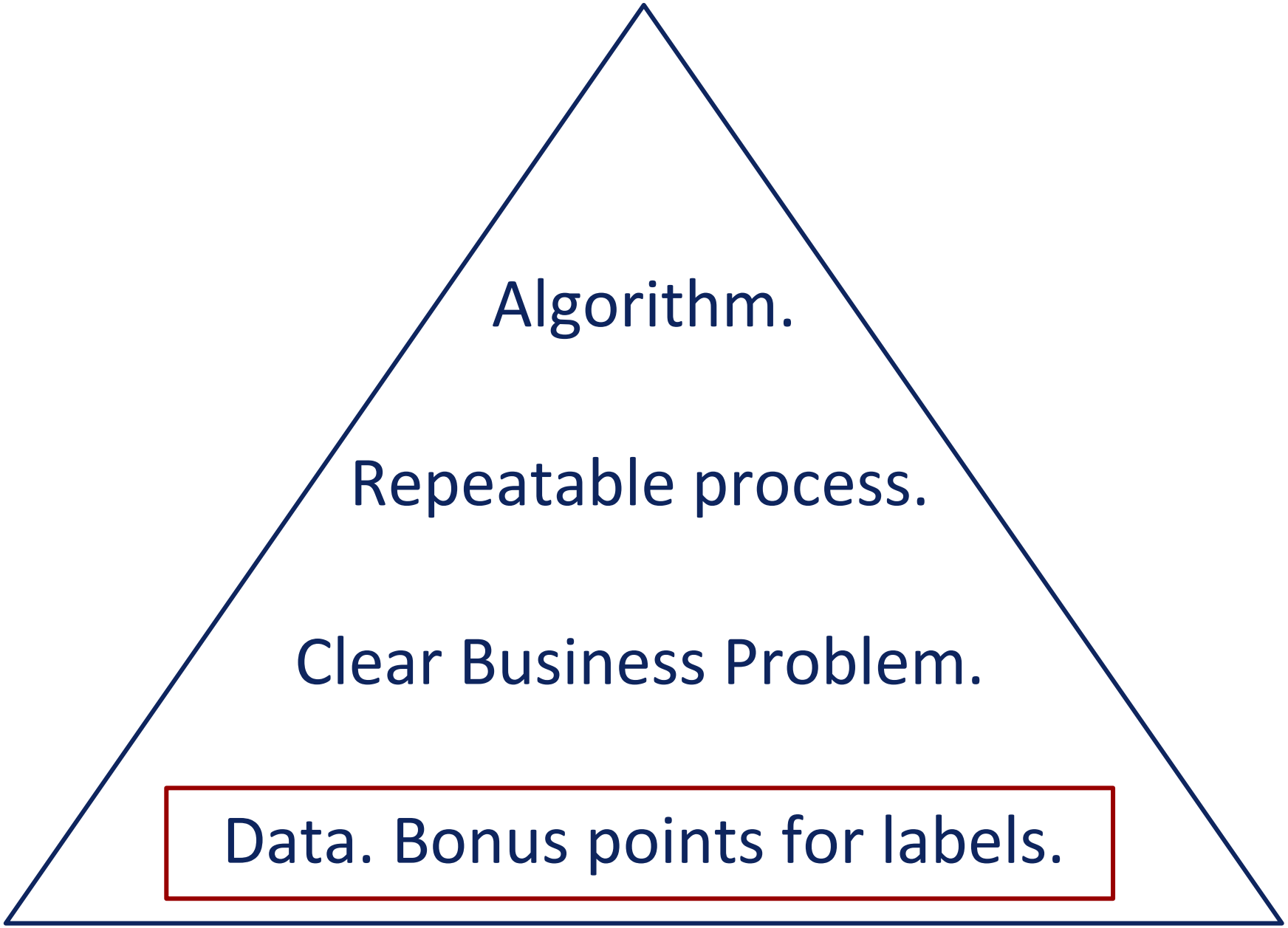
Repeatable process.

Algorithm.

Simple, right?

<Chapter 6>

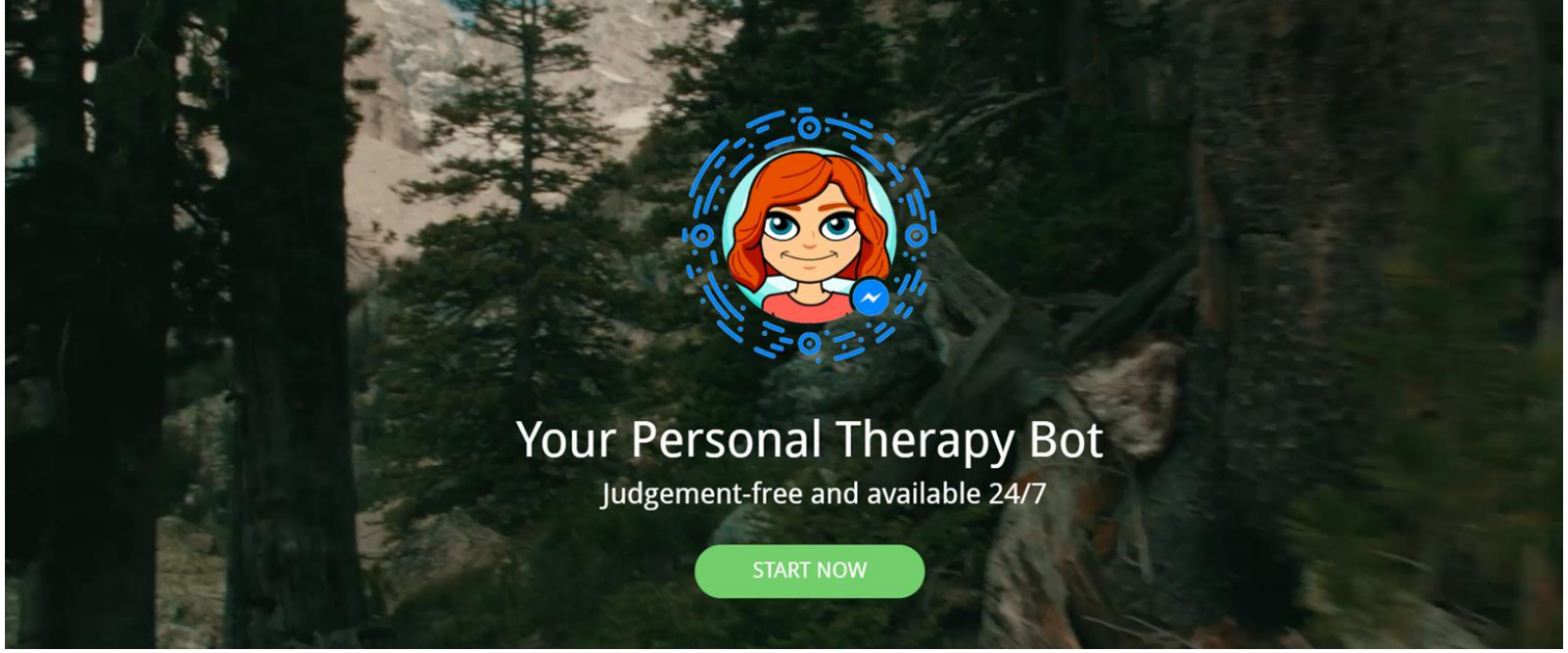
Let’s not get ahead of ourselves.


Algorithm.
Repeatable process.
Clear Business Problem.
Data. Bonus points for labels.

“AI today...kinda sucks.”
Canada Research Chair in Large Scale Machine Learning

<Chapter 7>

But what about Mark?



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- Billions of data points.
- Razor sharp problem and user.
- Simple business process.
- Well trained algorithm.

Vendor lock in

Privacy concerns

Ethical dilemmas

Auditing issues

<Chapter 8>

Where do we start?

Anywhere.

Good data.

Clear Business Needs.

Principles.

Pilots.

Policy.

Rinse and Repeat.

Your local University’s CompSci Department.

BC Dev Exchange.

Startup in Residence.

Procurement Transformation.

Innovate BC.

Questions?