

Waves of Data Managing Investment Data

Andrew Murray CURVE SECURITIES



Introduction Who We Are

We Create Opportunities That Elevate Our Client's Performance





Introduction What We Do



Introduction Our growth

The results speak for themselves. Since our founding in 2009 we have grown to service close to \$6.5bn in funds under administration. With a turnover of approximately \$1bn each month we've helped place over \$60bn in deposits across a wide range of banking institutions.

158 clients are government accounting for \$3.3 Bln





Managing Investment Data Turn The Tables On Investment Data – Manage It, Not It You



Waves Of Data
Overwhelming

More data has been created in the past two years than in the entire previous history of the human race.

- 90% of data currently in the world was generated in the last two years.
- We create 2.5 quintillion bytes of data a day

✤ Pace is accelerating!!

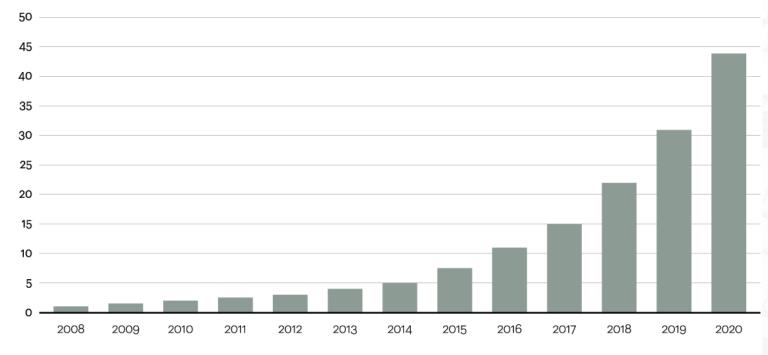


Overwhelming

Figure 1

Data is growing at a 40 percent compound annual rate, reaching nearly 45 ZB by 2020

Data in zettabytes (ZB)

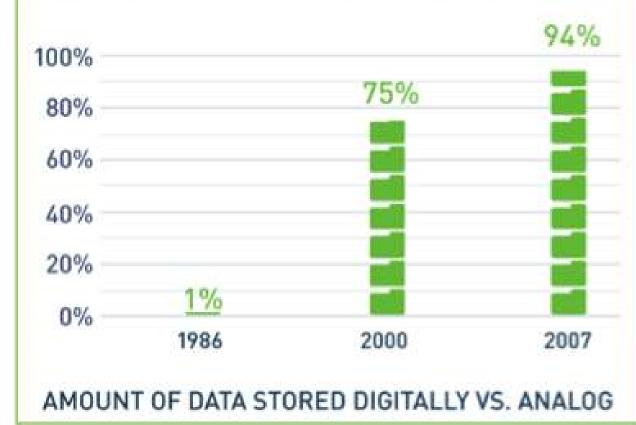


Source: Oracle, 2012



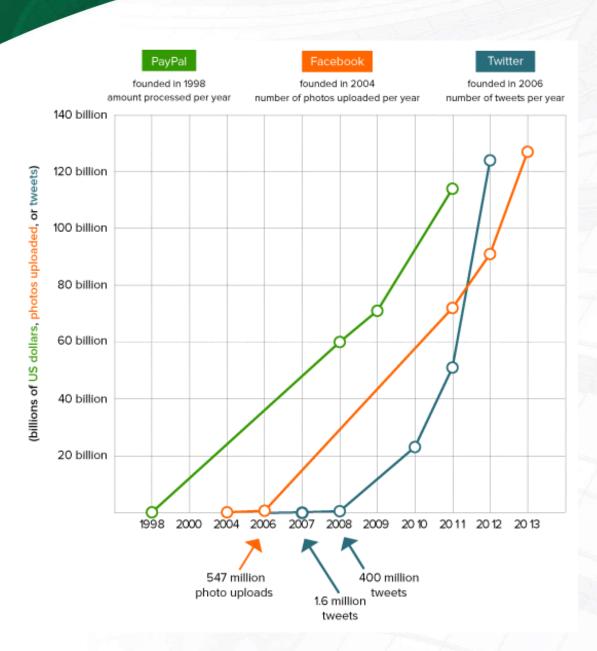
Overwhelming





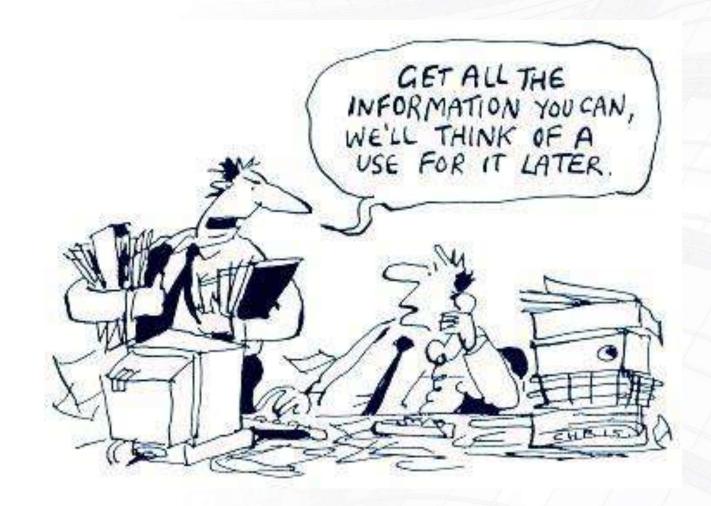


Overwhelming





Data Strategy





Why Do We Collect Data



www.timoelliott.com

"Let's say you want to save millions of dollars you just push this button here..."

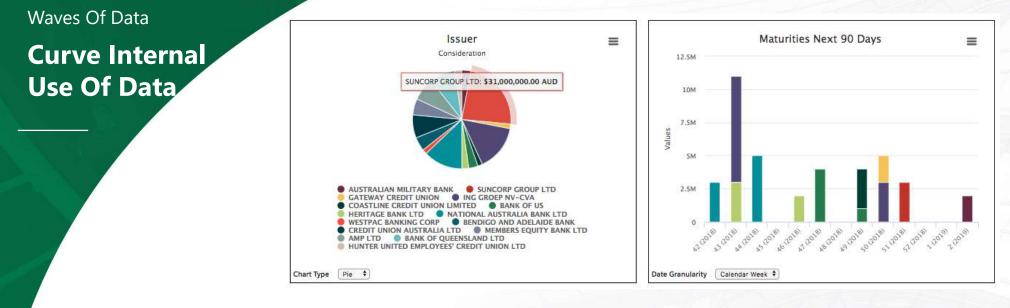


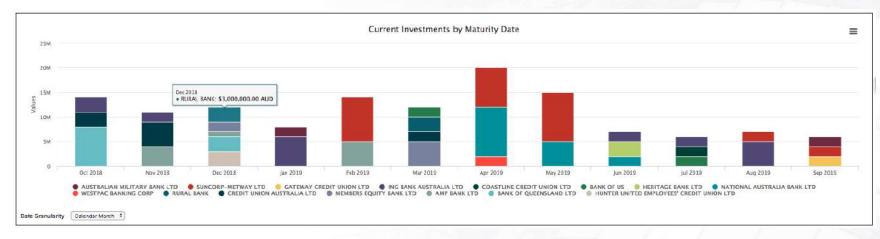
Waves Of Data Visualising & Interpreting





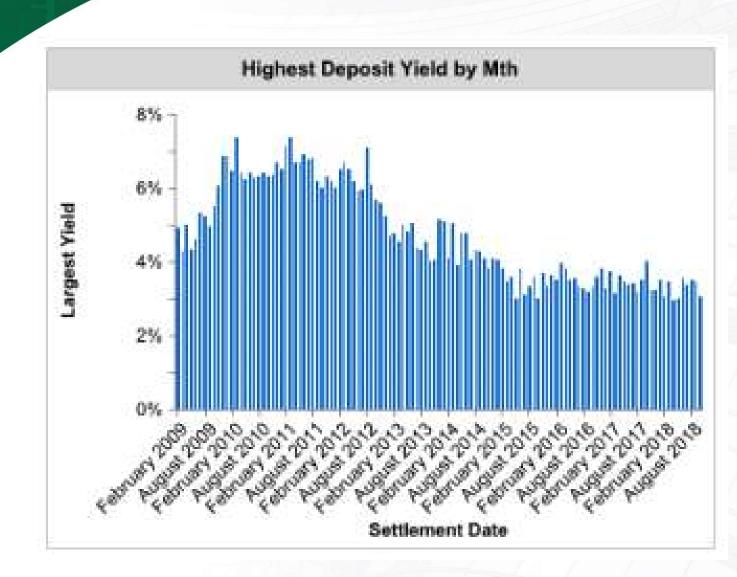
Salesforce





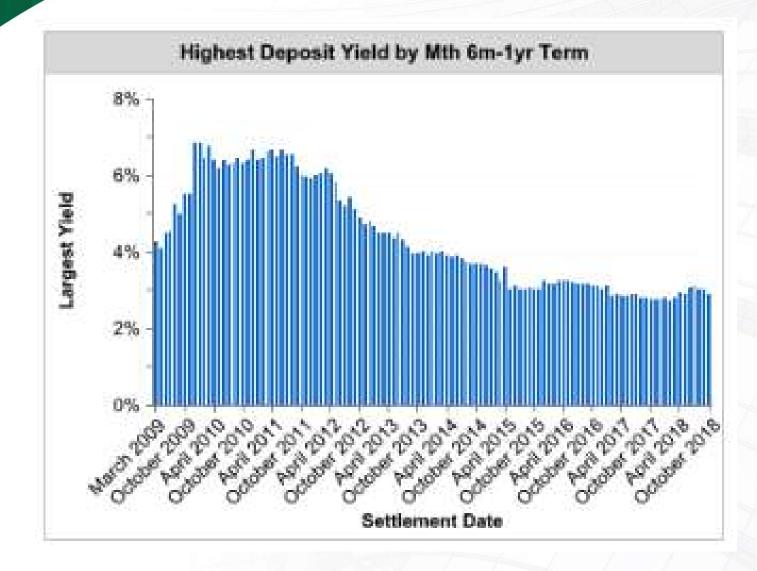


Curve Internal Use Of Data



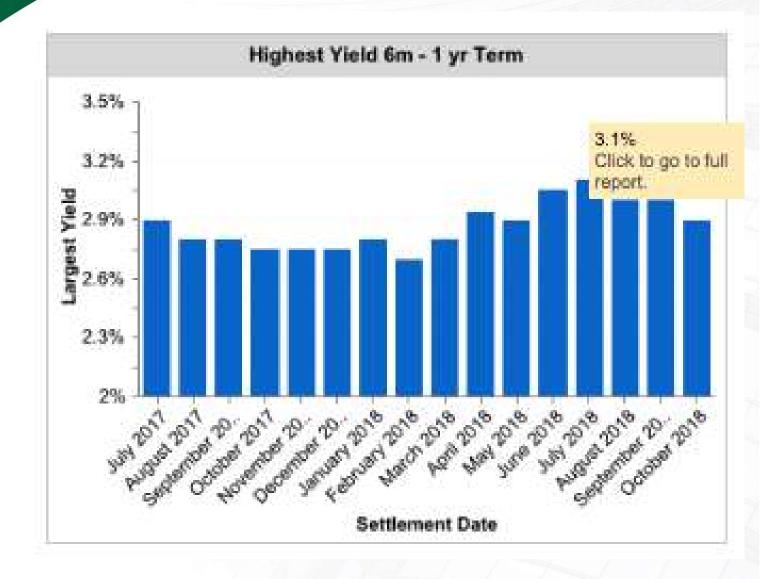


Curve Internal Use Of Data





Curve Internal Use Of Data





Client Management of Data

SECURITIES	Curve Por	t <mark>folio</mark> Manager					📼 Darrien Murray 🔹 🙆
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Enter Non-Curve Deals			A	D FRED RATE TER	M DEPOSIT ADD FR	CO BOND ADD FLD	ATING BOND
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Cash Accounts							
	Contract Number	ADI / Security Name	Vield Fa	re Value	Last Update S	&P Short Term Rating	S&P Long Term Rating
	021522	WESTPAC BANKING CORF		000,000.00	Concern Names	v11	AA-
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Client Management of Data

Current Investments by Maturity Date	
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U	10	Term Deposit	024024	BANKAUSTRALIALIMITED	INTECHBANKLID	\$3,000,000	5/04/2017	3/01/2018	2.80%	\$3,000,000	\$60,066	347511466	General Fund 1
8	10	Term Deposit	025159	BENDIGO AND ADELAIDE BANK	RURAL BANK	\$2,500,000	1/96/2017	16/01/2019	2.72%	\$2.500.000	\$38,035		General Fund 5
8	10	Term Deposit	029255	NATIONAL AUSTRALIA BANK LTD	NATIONAL AUSTRALIA BANK LTD	\$2,000,000	25/08/2017	24/01/2018	2.50%	\$2,000,000	\$16,301	GMI-DEAL-10465855	General Fund 1
п	10	Term Deposit	025659	MEMBERS EQUITY BANK LTD	MEMBERS EQUITY BANK LTD	\$3,000,000	5/05/2017	29/01/2016	2.70%	\$3,000,000	\$51,263	Ref No. 92196	Trust Fund 1
40	10	Term Deposit	029251	SUNCORP GROUP LTD	SUNCORP-METWAY LTD	\$1,500,000	20/06/2017	30/01/2018	2.65%	\$1,500,000	\$20,147	2030002681	General Fund 1
Ψ.	10	Term Deposit	029238	BANK OF QUEENSLAND LTD	BANK OF QUEENSLAND LTD	\$3,000,000	31/07/2017	31/01/2015	2.00%	\$3,000,000	\$30,773	DealNo 465146	General Fund 1
	10	Term Deposit	029249	NATIONAL AUSTRALIA BANK LTD	NATIONAL AUSTRALIA BANK LTD	\$3,000,000	1/09/2017	7/02/2018	2.53%	\$3,000,000	\$23,290		General Fund 1
	/ 0	Term Deposit	029239	BANK OF QUEENSLAND LTD	BANK OF QUEENSLAND LTD	\$2,000,000	4/08/2017	13/02/2018	2.61%	\$2,000,000	\$20,022	Deal No 466193	General Fund 1
0	10	Term Deposit	029242	BANK OF QUEENSLAND LTD	BANK OF QUEENSLAND LTD	\$2,000,000	23/0B/2017	21/02/2018	2.59%	\$2,000,000	\$16,907	Deal No 468823	General Fund 3
8	10	Term Deposit	025499	CREDIT UNION AUSTRALIA LTD	CREDIT UNION AUSTRALIA LTD	\$2,300.000	24/02/2017	26/02/2018	2.80%	\$2,300,000	\$53,108	3500-TD20170224H	Bushfire Trust
	10	Term Decosit	029248	NATIONAL AUSTRALIA BANK LTD	NATIONAL AUSTRALIA BANK LTD	\$3,500,000	31/08/2017	7/03/2018	2.56%	\$3,500,000	\$27,739	GMI-DEAL-10467348	General Fund 1
8	10	Term Deposit	025447	DEFENCE BANK LTD	DEFENCE BANK LTD	\$3,000,000	14/06/2017	13/03/2015	2.75%	\$3,000,000	\$43,171		General Fund 1
U.	10	Term Deposit	029250	NATIONAL AUSTRALIA BANK LTD	NATIONAL AUSTRALIA BANK LTD	\$3,000,000	4/10/2017	21/03/2018	2.57%	\$3,000,000	\$16,687	A/C No.32-692-5222	General Fund 1
й.	10	Term Deposit	029240	BANK OF QUEENSLAND LTD.	BANK OF QUEENSLAND LTD	\$3,000,000	10/08/2017	27/03/2015	2.60%	\$3.000.000	\$28,636	Deal No. 466981	General Fund 1
8	10	Term Deposit	023905	POLICE CREDITIUNION LIMITED/AU	POLICE CREDIT UNION LIMITED/AU	\$2,000,000	27/03/2017	27/03/2018	2.90%	\$2,000,000	\$42,904	5236615-71192	Trust Fund 1
8	10	Term Deposit	029066	DEFENCE BANK LTD	DEFENCE BANK LTD	\$2,000,000	5712/2017	3/04/2018	2.50%	\$2,000,000	\$2,329	Cert No. 171548087	General Fund 1
0	10	Term Deposit	029243	BANK OF QUEENSLAND LTD	BANK OF QUEENSLAND LTD	51,900,000	28/09/2017	4/04/2018	2,60%	\$1,800,000	\$10,899	Deal No: 473502	General Fund 1



Client Management of Data

SECURITIES Curve Portfolio Manager 0 🖩 Daniel Meroy 🔹 🙆 Issuer / ADI Short Term Credit Rating Term Classification 盲 = = 442 / A-2 56% PRES REPUBLIC OF CHERA & ANF LTD & AUST AND NG BANKING GROUP & ANN BANK PLC MIDE BANK LTD & BERDIGG AND ADELANDE BANK & BANKINGCART COMMUNITY CREDIT OF OLIEBTALIANDE TO & COMMONNECHT BANK OF AUSTRAL & COMMUNITY CARADIT ANUMITY WITHIN LTD & CURVE MANAGED BOND PORTOLIO & MARESS FOLKTY ANN LTD TATELTD & MATTOWAL BUSTRALL MARK LTD & COMPARITE RANDONNE (IN & SENCOR GROU A-3 P GROUP LTD Chart Type (Dent #) Chart Type (114 4) Chart Type Oxen 1 Long Term Credit Rating Investment Type Interest Frequency = = = Ac. 1 84% 76% 280.058,941.09 At maturity Term Depesit
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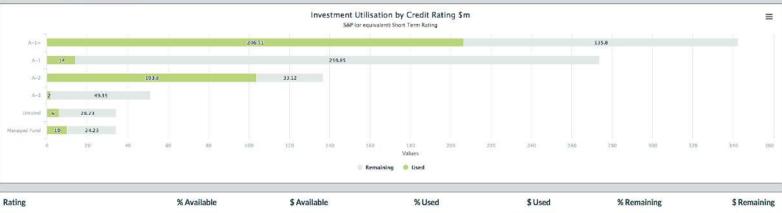
Client Management of Data

Curve Portfolio Manager

🗉 Damien Murray 🔹 🙆



CUL



Rating	76 Available	# Available	70 USCU	p oscu	76 Kemanning	\$ remaining	
A-1+	100%	\$342,308,941	60.33%	\$206,506,914	39.67%	\$135,802,027	
A-1	80%	\$273,847,153	4.09%	\$14,000,000	75.91%	\$259,847,153	
A-2	40%	\$136,923,576	30.32%	\$103,802,027	9,68%	\$33,121,549	
A-3	15%	\$51,346,341	0.58%	\$2,000,000	14.42%	\$49,346,341	
Unrated	10%	\$34,230,894	1.75%	\$6,000,000	8.25%	\$28,230,894	
Managed Fund	10%	\$34,230,894	2.92%	\$10,000,000	7.08%	\$24,230,894	



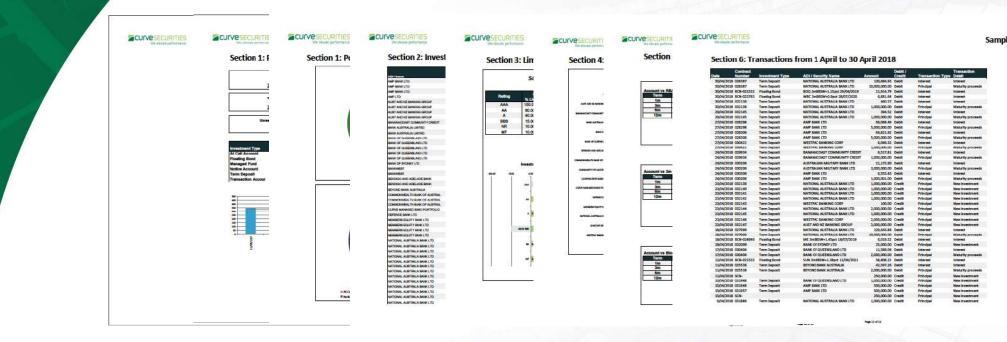
Client Management of Data

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	Term (in Days) Interest Frequency	(At maturky	ADI Account Trade Source	(Direct 4)	a) 2000 (4 cor us to enter non
_	Consideration Yield				

Iment Type	Contract Number	ADI / Security Name	Yield	Face Value	Last Update	S&P Short Term Rating	S&P Long Term Rating
action Account	021522	WESTPAC BANKING CORP	1.60%	\$5,000,000.00	25/08/2017	A-1+	AA-
il Account	021523	AUST AND NZ BANKING GROUP	1.50%	\$1,500,000.00	8/08/2017	A-1+	AA-



Client Reporting





Getting Started Contact



Give us a call 1800 128 783 **02 9690 2188**

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yield@curvesecurities.com.au



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