

### 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!!

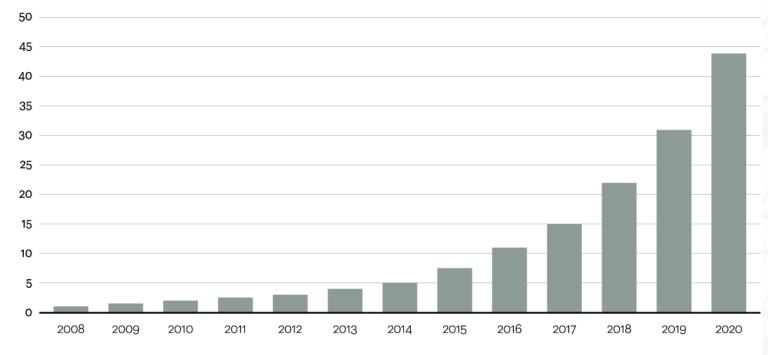


#### **Overwhelming**

Figure 1

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

#### Data in zettabytes (ZB)

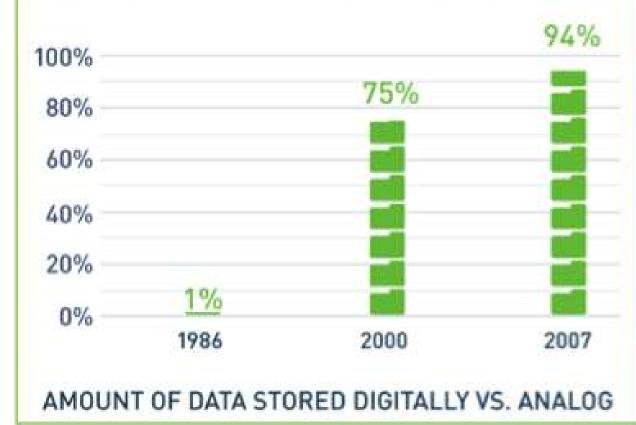


Source: Oracle, 2012



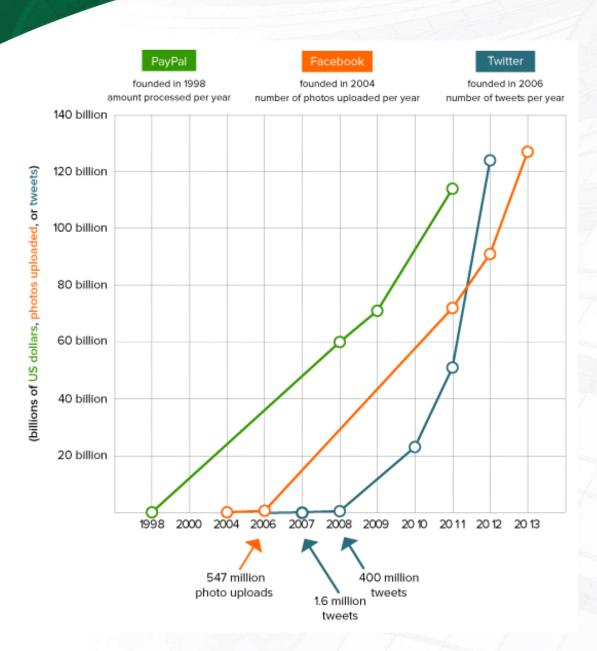
#### **Overwhelming**







#### 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..."

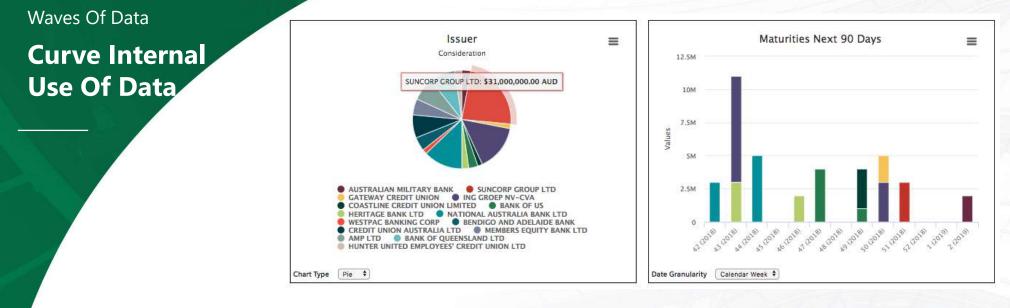


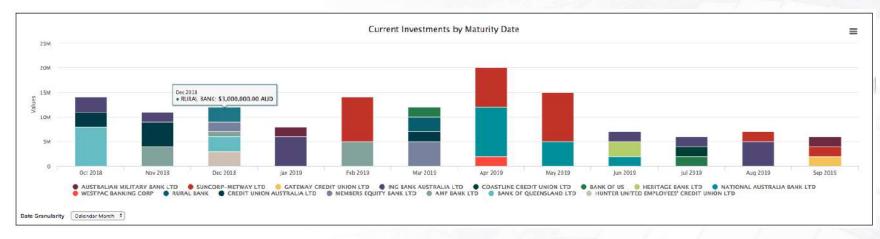
#### Waves Of Data Visualising & Interpreting





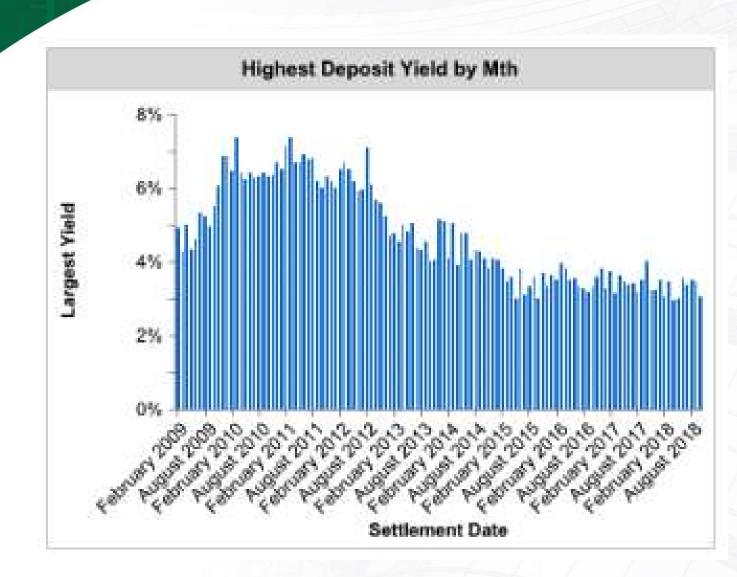
### Salesforce





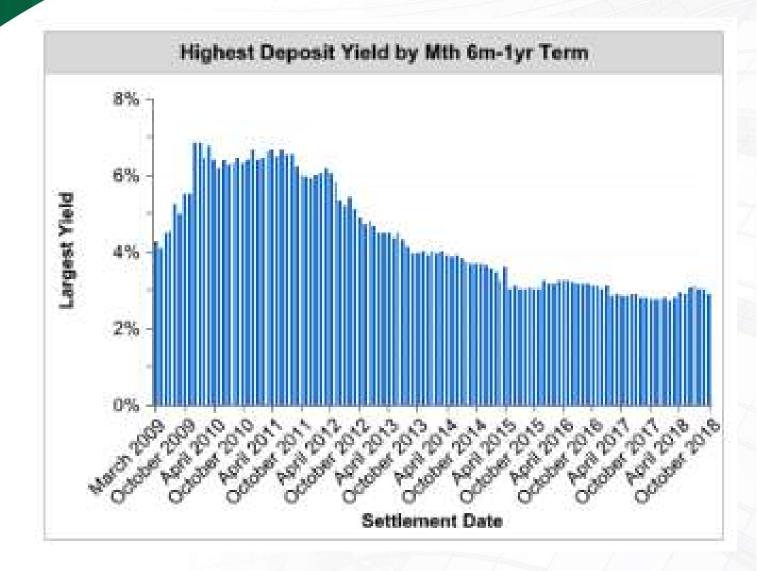


#### Curve Internal Use Of Data



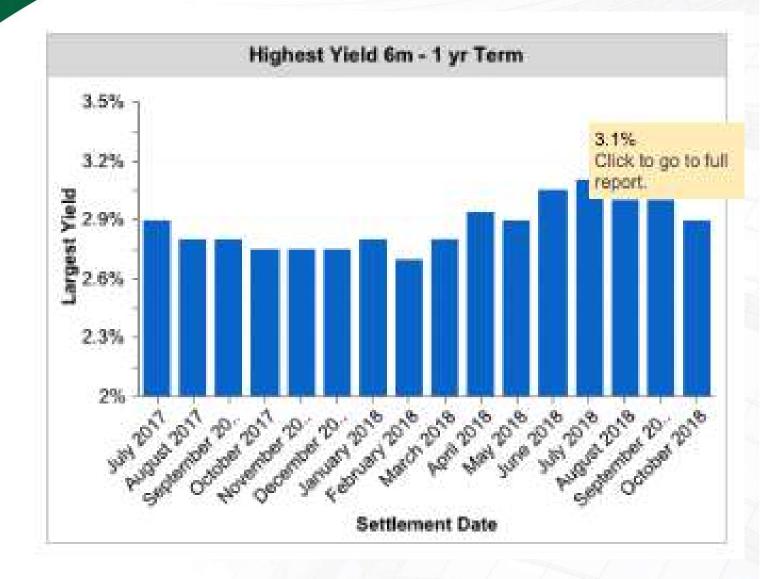


#### Curve Internal Use Of Data





#### Curve Internal Use Of Data





#### Client Management of Data

SECURITIES	Curve Por	t <mark>folio</mark> Manager					📼 Darrien Murray 🔹 🙆
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Total Capit	tai Valuation		Unrealised Gain/Loss			Average	Veighted Yield
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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-
Investment Type     O      Transaction Account	D21523	AUSTANDINZ BANKING CROUP	1.50% \$1	500,000.00	8/08/2017 /	V1+	44
		AMP BANK LTD	and the second second second	0000000	18/08/2017 A	11	A
<ul> <li>O          Transaction Account     </li> </ul>	021525		Shrudon Rouse 2, 2 al 2				
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At Call Account     Account     At Call Account     Notice Account     Notice Account	Contract Number 🗧 🕯	ALI / Security Mane CURVENANAGED BOND PDR/POLIO	Showing Rows 1-3 of 3     Vield      Face Val <ul> <li>Vield \$ Face Val             <li>\$ 510,000             </li> </li></ul>			ase Value † Curre 00.000.00 1.050	nt Price : Copital Valuation
At Call Account     Account     At Call Account     Notice Account     Notice Account	Contract Number 🗧 🕯	ADI / Security Name	† Vield † Face Val				nt Price : Copital Valuation



#### Client Management of Data

Current Investments by Maturity Date	
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Alte	•   -	Al Time - Investment Type	Skuid Record Type Pick     Contract     Number	stat: 10 selected   • (Search Contracts ) =	+ ADI / Security Name	+ Face Value	= Settlement Date	Maturity Date	Current Yield =	Capital Valuation =	Accrued Interest =	Comments	Designation
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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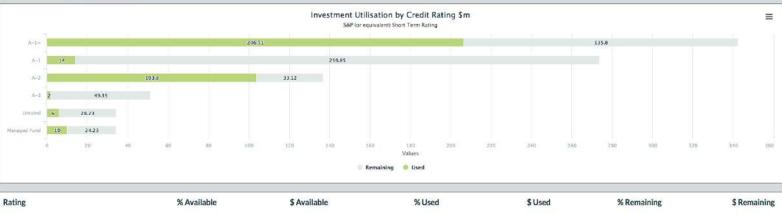
#### Client Management of Data

#### Curve Portfolio Manager

🗉 Damien Murray 🔹 🙆



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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	



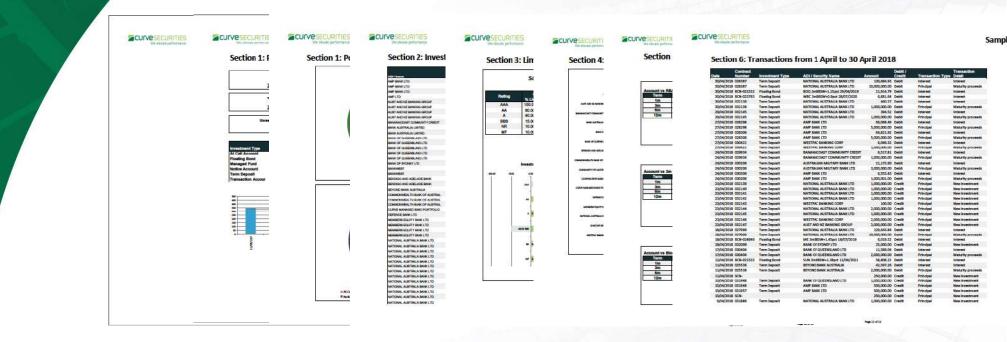
#### Client Management of Data

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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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