



Data in the City: Visualisation Challenge 2014 Finalists

No	Team Name	Title	Description	Tools/Tech Used	Data Used	Team profile	Strength of visualisation
1	2359 Media	Land of wealth and growth	This visualisation captures the growth and re-bounce of the economy in the form of property prices. By clearly laying out the property prices of the different parts of Singapore, we want to subtly build in the story of the historical past, the growth and the future trends of Singapore.	Javascript d3.js	<ul style="list-style-type: none"> Population Density (Total Population Per Sq Km) All Non-Landed Residential, All Districts Property prices per sq ft 	Chen Kaiwei 2359 Media Chief Consulting Officer Vu Nguyen Tuan 2359 Media Front-End Developer Toan Nguyen 2359 Media Front-End Developer	<ul style="list-style-type: none"> Use of technology and Open Data
2	Educity	Educity	<p>This project aims to look at the Singapore education story and how it has evolved over the years. The visualisation includes a historical reflection of educational milestones that have occurred since 1823 when the first formal education institution in Singapore was established till the education scene today.</p> <p>Inspired by an article published in Zaobao on</p>	Javascript d3.js	<ul style="list-style-type: none"> List of PSC Scholars Various MOE Statistics 	Wong De Ming Project Manager, IRAS Thia Kai Xin Business Analyst, KTP Hospital Michael Xu	<ul style="list-style-type: none"> Use of technology and Open Data Story-telling using Open Data

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			President scholars taking soft-skill subjects, we subsequently embarked to create interactive graphs showcasing some insightful education metrics of Public Service Commission (PSC) Scholarships and scholars.			Software Specialist ST Electronics Joel Lee IT Professional, IDA	
3	Foodies @ I ² R	Food Loves Fellows hip	<p>This interactive 3D Map Visualisation celebrates Singapore's favourite pastime: eating! It illustrates the diversity of local cuisines in various areas around the country. With this interactive visualisation, you can discover where to find your favourite dishes and the best places to enjoy them together.</p> <p>This tongue-in-cheek visualisation also calculates how long it will take for you to eat all the yummy hawker food in Singapore! In fact, it estimates a good 160 years to sample everything, based on the reported average frequency of eating at hawker centres. Want to enjoy all of this food more quickly? Learn how though interacting with this visual celebration of SG food!</p>	Javascript d3.js jQuery qGIS	<ul style="list-style-type: none"> • Planning Area • Resident Population by Planning Area/ Subzone, Age Group and Sex 	<p>Brian Lim I²R Human Computer Interaction Scientist</p> <p>Cheong Yian Ling Xerox Parc UX Designer</p> <p>Chua Gim Guan I²R Research Engineer</p> <p>Li Xiaohui I²R Data Scientist</p>	<ul style="list-style-type: none"> • Use of technology and Open Data
4	Green Fingers	So Much More than Just a Park	<p>Our visualisation tells the story of my mother, whose life journey is intimately intertwined with the development of parks in Singapore. We will walk you through her dating years in the Botanic Gardens; her work for the Parks and Recreation Department; her wedding and weekends spent with her children in East Coast Park, to where she is today.</p> <p>Our visualisations will showcase the corresponding data of the parks, to appreciate how far Singapore has grown as a Garden City in the past 50 years.</p>	SAS Visual Analytics Microsoft Excel	<ul style="list-style-type: none"> • Park Connector Network • Heritage Tress • Nature Reserves • Parks' Activities 	<p>Clifton Phua Data Scientist, SAS</p> <p>Wang Hongyang NUS Student</p> <p>Chia En Celeste NUS Student</p> <p>Tan Liang Yi NUS Student</p>	<ul style="list-style-type: none"> • Story-telling using Open Data • Personal anecdote
5	F.L.O.W (For Love	The Singapore Water	We begin the story with some astonishing world water facts, impressing upon the reader how fortunate and privileged we are to have clean,	Adobe Creative Suite	<ul style="list-style-type: none"> • Location of Water 	Spring Sun Graphic artist	<ul style="list-style-type: none"> • Use of technology and

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	of Water)	Story	<p>accessible water.</p> <p>By comparing the past and the present we visually show how much progress has been made in the last five decades. And we finish off with Singapore's four National Taps Strategy- a diversified water plan with the goal of complete water dependence by 2060.</p>		<p>Reclamation Plants & Desalination Plants</p> <ul style="list-style-type: none"> • Water Reclamation Plants • Local Catchment Water • Water Supply and Sanitation 	Ung Peck Houy TTSH Doctor	<p>Open Data</p> <ul style="list-style-type: none"> • Story-telling using Open Data
6	Chi-Loong	Singapore Song Stories	<p>What makes us Singaporean? Are they the nostalgic items from old Singapore? Or the day-to-day things like the food, the hot and muggy weather, and having friends from every race?</p> <p>Singapore Song Stories is a way for us to explore our shared culture told through song. This project highlights the National Day songs that seep into our shared culture. Not just the official government ones. Mashups, parodies and original songs are celebrated here.</p>	Javascript d3.js jQuery	<ul style="list-style-type: none"> • SG Media Gallery 	Chan Chi-Loong Founder, V/R (www.vslashr.com)	<ul style="list-style-type: none"> • Use of technology and Open Data
7	Kadence	From Kampong to Skyscrapers - 50 Years of Stories	<p>This visualization explores how Singapore has progressed over the last 50 years whilst retaining its original culture and values. This coming of age story invites viewers to take a walk down memory lane via the lens of the main character.</p>	AfterEffects	<ul style="list-style-type: none"> • Singapore Population Statistics 	<p>All market researchers with Kadence</p> <p>Maxine Yap Wee Jing Feng Natalie Zatz Claire Mason Darryl Koe</p>	<ul style="list-style-type: none"> • Story-telling using Open Data • Personal anecdote
8	Paul and Hanif	The Singapore Story, as told by	<p>What better way to tell the Singapore Story, than to recount the actual stories of Singapore as presented by news of the last 50 years?</p> <p>By analysing the frequency of words and phrases in</p>	Python, R d3.js	<ul style="list-style-type: none"> • Digitized archive of Singapore newspapers 	<p>Paul Meinshausen Teradata Data Scientist</p> <p>Hanif Samad</p>	<ul style="list-style-type: none"> • Use of technology and Open Data

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		headline news	<p>the headlines and displaying them in a compelling form, it is possible to distil a sense of historical mood and memory, and how this mood has changed across the years.</p> <p>This visualisation depicts the trends in the words used in headlines of The Straits Times from 1955-2009.</p>			SingHealth Statistics Officer	
9	Fleefly	On The Dot	<p>“On the Dot’ is a virtual historical atlas of Singapore’s tourism landscape. It showcases Singapore’s total visitor arrivals from different countries over the years, their total expenditure value (TEV) and the popularity of our top attractions. It also shows how these figures change through major world / domestic events, and trends that have happened.</p>	D3 HTML5 Excel	<ul style="list-style-type: none"> • Air Passenger Arrivals • Annual Tourism Statistics • Wildlife Reserves Yearbook • NParks Annual Report 	<p>Keith Ching Kuan Thye Philips Project Manager</p> <p>Gin Woo Pei Xun OCBC Bank, Product Manager</p>	<ul style="list-style-type: none"> • Story-telling using Open Data
10	MyNUS 2063	Cracking 334	<p>Since the 1950s, the constant search for work opportunities drove my grandparents to uproot themselves from Singapore to Malaysia. In the 60s, the economic mobility of the growing Asian economies, including Singapore, made it easier for our family to move around.</p> <p>All four generations are back in Singapore now, celebrating with the country as she enters SG50. This Jubilee year is a time to reflect, reset and restart as a family and as a people of this nation.</p> <p>I am telling my story, with the precious lessons that I have learnt on my journey. This story is a gift to my daughter. I hope she will write her story in continuity to mine because it will inform our future generations of our family's progress.</p>	JMP Microsoft PowerPoint Microsoft Excel	<ul style="list-style-type: none"> • Global GDP • Resident Population by Age Group 	<p>Catherine Ci Khaw NUS-ISS lecturer</p> <p>Liu Lu NUS Student</p> <p>Huang Wanwen NUS Student</p> <p>Elizabeth Koh HH 15 year old Hwa Chong International student</p>	<ul style="list-style-type: none"> • Use of technology and Open Data

			This gift, wrapped in data visualization and analytics, is a cool way to engage my daughters and help them understand the dynamics of the environment, to stay inquisitive and make projections into the future.				
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