BUSINESS INSIDER

These Hilarious Charts Will Show You Exactly Why Correlation Doesn't Mean Causation

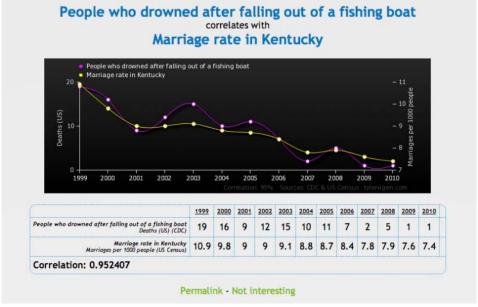


DINA SPECTOR MAY 9, 2014, 12:42 PM

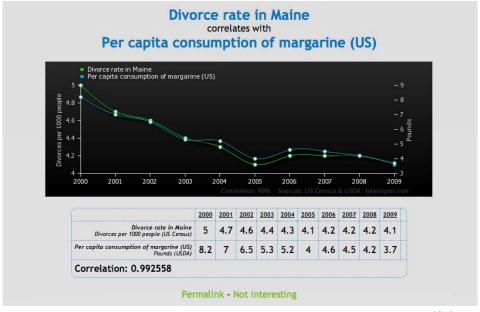
To prove that correlation between two variables does not necessarily mean that one causes the other, Tyler Vigen has created a series of comical charts that show "spurious correlations."

A spurious correlation occurs when two things — like the rising divorce rate in Maine and the state's plummeting margarine consumption — appear related, but in reality are not.

Check out a few of our favorite charts below, then head over to Vigen's website to see the rest. Make of these what you will.



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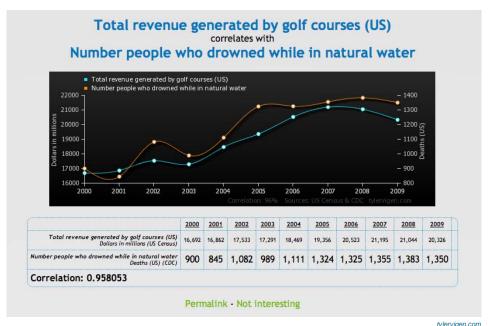


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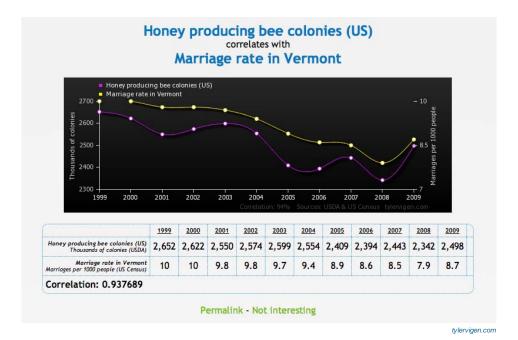


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US crude oil imports from Norway correlates with Drivers killed in collision with railway train Drivers killed in collision with railway train Millions of barrels - 73.33 (s) - 56.67 E 48.33 40 2000 2005 2009 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 US crude oil imports from Norway Millions of barrels (Dept. of Energy) 96 110 103 127 60 54 43 36 20 22 Drivers killed in collision with railway train Deaths (US) (CDC) 76 74 76 87 66 59 63 60 55 52 46 Correlation: 0.954509 Permalink - Not interesting

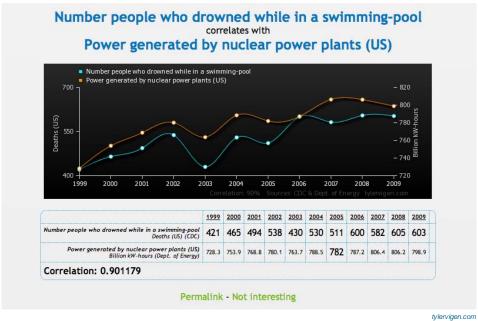


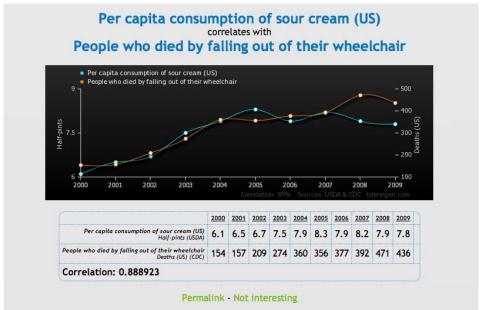
Total US crude oil imports correlates with Per capita consumption of chicken (US) Total US crude oil imports Per capita consumption of chicken (US) - 58 uno 2008 2002 2003 2004 2005 2006 2007 2008 2009 2001 Total US crude oil imports 3,311 3,405 3,336 3,521 3,674 3,670 3,685 3,656 3,571 3,307 Per capita consumption of chicken (US)
Pounds (USDA) 54.2 56.8 57.5 59.3 60.5 60.9 59.9 58.7 56

Permalink - Not interesting

Correlation: 0.899899

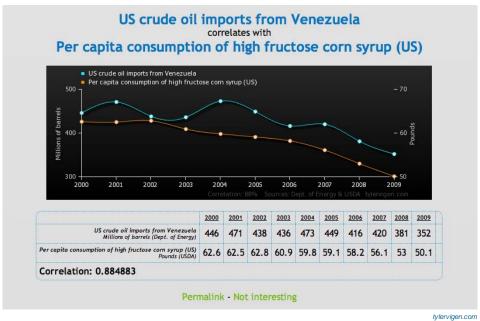
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