Disruptie

15 maart 2018
a.h.siegmann@vu.nl
IN TWO MOVES, ALPHAGO AND LEE SEDOL REDEFINED THE FUTURE
Sources: Bank of England, Global Financial Data, Homer and Sylla "A History of Interest Rates"

Note: the intervals on the x-axis change through time up to 1700. From 1700 onwards they are annual intervals. Full methodology available upon request.
“Unicorns”

The Increasingly Crowded Unicorn Club
Private Unicorns since 2011

Created by:
CB INSIGHTS

www.cbinsights.com
Company's name changes to:
Long Blockchain Corp.

YOUR MONEY
TEA COMPANY GETS IN ON BITCOIN CRAZE
Potentiële disruptie

- AI
- Bitcoin

- Rente 0%
- Waarderingen hoog

Technologie  Financiële Omgeving
<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two lasts of wheat</td>
<td>448 f</td>
</tr>
<tr>
<td>Four lasts of rye</td>
<td>558 f</td>
</tr>
<tr>
<td>Four fat oxen</td>
<td>480 f</td>
</tr>
<tr>
<td>Eight fat swine</td>
<td>240 f</td>
</tr>
<tr>
<td>Twelve fat sheep</td>
<td>120 f</td>
</tr>
<tr>
<td>Two hogsheads of wine</td>
<td>70 f</td>
</tr>
<tr>
<td>Four tuns of beer</td>
<td>32 f</td>
</tr>
<tr>
<td>Two tuns of butter</td>
<td>192 f</td>
</tr>
<tr>
<td>1,000 lbs. of cheese</td>
<td>120 f</td>
</tr>
<tr>
<td>A complete bed</td>
<td>100 f</td>
</tr>
<tr>
<td>A suit of clothes</td>
<td>80 f</td>
</tr>
<tr>
<td>A silver drinking cup</td>
<td>60 f</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2500 f</strong></td>
</tr>
</tbody>
</table>
Tulip price index
1636–37

Nov 12
Nov 25
Dec 1
Dec 12
Feb 3
Feb 5
Feb 9
May 1
Tooneel van FLORA.

Grondelijke Redens-onderhoudinge,
van den
HANDEL DER FLORISTEN.

Gedrukt op de Speciale van Anthony de Groot.
Een voorliefhebbelijk man, al alzo meer gheheelden, dan strenen.

Antwerpen, 1639.
Hoe anticiperen?

Drie verhalen
MORTON STREET, CORNER OF BEDFORD, LOOKING TOWARD BLEECKER STREET,
MARCH 17, 1893.
Moore’s Law – The number of transistors on integrated circuit chips (1971-2016)

Moore’s law describes the empirical regularity that the number of transistors on integrated circuits doubles approximately every two years. This advancement is important as other aspects of technological progress – such as processing speed or the price of electronic products – are strongly linked to Moore’s law.
Bloom, Jones, Van Renen, Webb “Are ideas getting harder to find?” NBER working paper, sept. 2017
Figure 2.9 Number of multipurpose industrial robots (all types) per 10,000 employees in the manufacturing industry (ISIC rev.4: C) 2015

Average robot density world: 69
Praktische wijheid

• Geduld
• Niet overdrijven
• Werk dat problemen oplost
Paarden
Hondenvoer
Milkshakes