

# Preparing for a Vocational Career @ De Anza

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1. Trends
2. What are we doing @ De Anza
3. What can you do
4. Your Leadership

Agenda

# Trends

# Trends

- Technologies would continue to evolve over time providing exponential growth in several areas.
- We experience slow economic growth every few years.
- This allows us to digest the rights and wrongs.
- These slow times provide time for thinking and re-tooling.

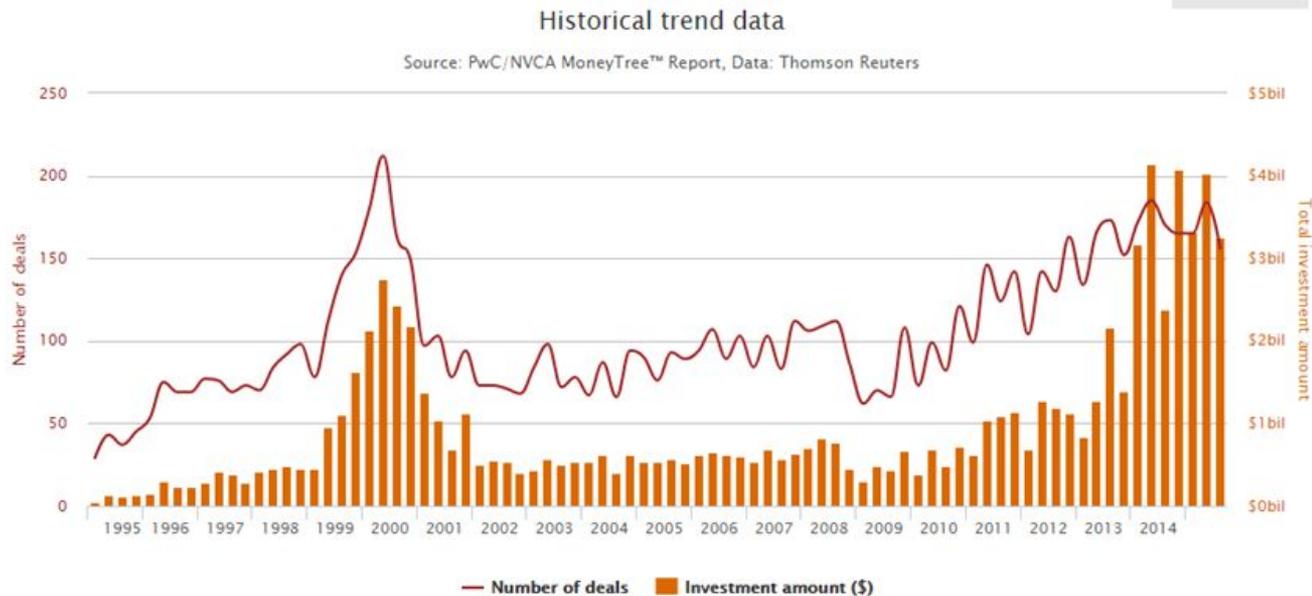
# Trends

pwcmoneytree.com

## Historical trend data

The chart below shows the aggregated investment dollars and the number of deals from **Q1 1995** to **Q3 2015**.  
The graph is also being filtered by **Regions: Silicon Valley**, **Industry: Software**, and **State: California**

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# Trends

- Analytics convergence.
- Will build tools to process data with easy to use interfaces that can deliver “**smart to the point information**”, **anytime, anywhere.**
- We will end up developing applications that will provide automation in different spheres of our lives.

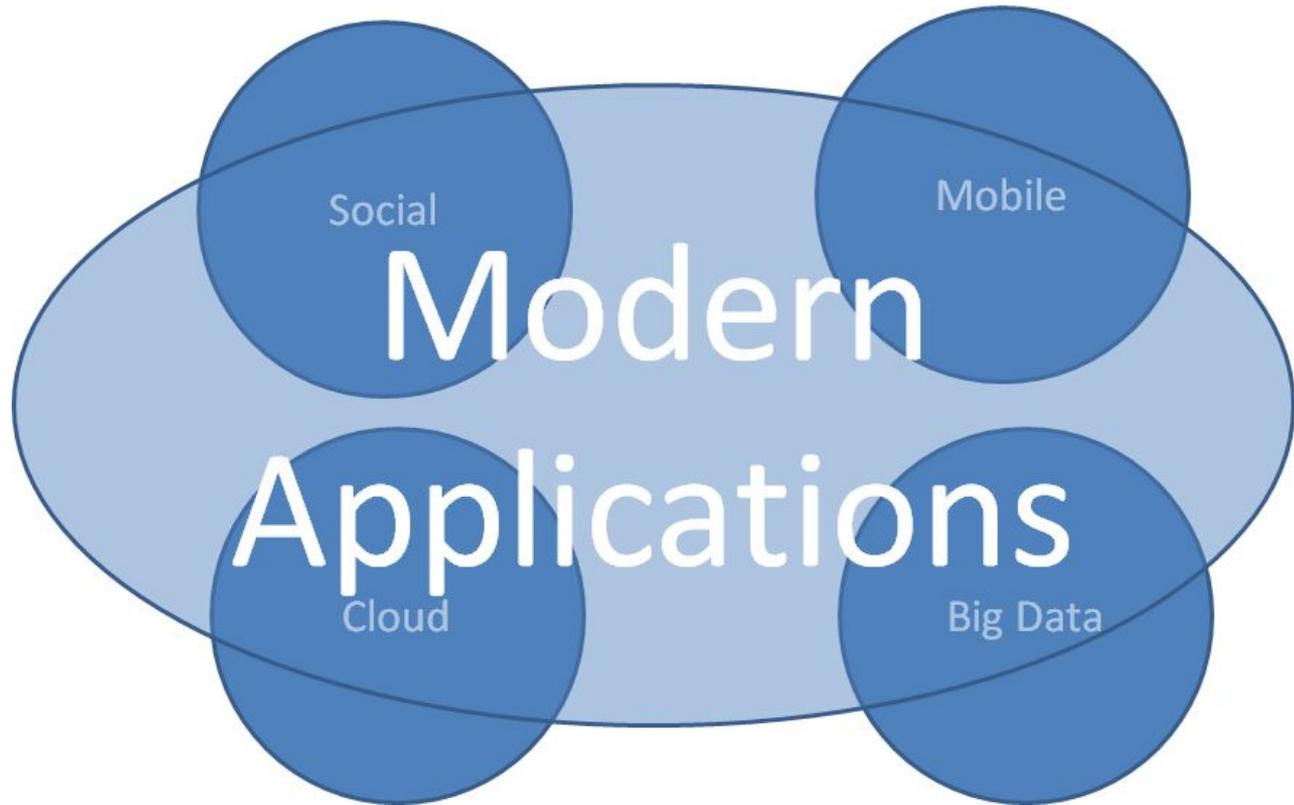
# Trends

- We will look at the history of the elements that have built the infrastructures of our current technologies -

## Comparing with Taco Bell Seven Layer Burrito

<b>Data Presentation – Window/Browsers/Wireless Devices</b>	<b>Sour Cream (Infancy)</b>
<b>Application Engines – Defining Business Processes</b>	<b>Cheese (Infancy)</b>
<b>Improved Application Connectivity</b>	<b>Guacamole (Infancy)</b>
<b>Databases – Data Banks</b>	<b>Tomatoes (Matured)</b>
<b>Storage Area Networks – Data Bank Managers</b>	<b>Lettuce (Infancy)</b>
<b>Computer Networks – Data Plumbing Wired and Wireless</b>	<b>Seasoned Rice (Matured)</b>
<b>Operating Systems and improved Providing horsepower for data processing.</b>	<b>Refried Beans (Matured)</b>

# Trends



# Future Markets - Next five years

- Application Connectivity and Integration\*\*\*
- Wireless – (Application, Infrastructure and Deployment)
- Emerging language platforms
- Programs for small and embedded devices - Connected
- Security – at all layers in TACO BELL Burrito
- Big-Data
- Social-Cloud-Data-Mobile (Convergence)\*\*\*
- Nanotech

What are we doing @  
De Anza

Our Student Body

Transfer

Vocational

# Transfer

Earn an Association → 4 year school

AA Computer Science

[http://deanza.edu/counseling/pdf/degrees/transfer\\_computer\\_science.pdf](http://deanza.edu/counseling/pdf/degrees/transfer_computer_science.pdf)

Business Programming

[http://deanza.edu/counseling/pdf/degrees/cis\\_programming.pdf](http://deanza.edu/counseling/pdf/degrees/cis_programming.pdf)

Network Programming

[http://deanza.edu/counseling/pdf/degrees/cis\\_programming.pdf](http://deanza.edu/counseling/pdf/degrees/cis_programming.pdf)

# Transfer

Systems Programming

[http://deanza.edu/counseling/pdf/degrees/cis\\_programming.pdf](http://deanza.edu/counseling/pdf/degrees/cis_programming.pdf)

Network Administration

[http://deanza.edu/counseling/pdf/degrees/cis\\_networking.pdf](http://deanza.edu/counseling/pdf/degrees/cis_networking.pdf)

Enterprise Security Professional

[http://deanza.edu/counseling/pdf/degrees/cis\\_enterprise\\_security.pdf](http://deanza.edu/counseling/pdf/degrees/cis_enterprise_security.pdf)

# Vocational

Software Engineering



Databases, Big Data and Analytics



[http://www.v.deanza.edu/counseling/pdf/degrees/cis\\_database.pdf](http://www.v.deanza.edu/counseling/pdf/degrees/cis_database.pdf)

# Vocational

Project Manager

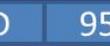
Project Management  
Practitioner

[http://deanza.edu/counseling/pdf/degrees/project\\_mgmt.pdf](http://deanza.edu/counseling/pdf/degrees/project_mgmt.pdf)

# Top 10 jobs - Informationweek

- 1 – Data Scientist
- 2 – Solutions Architect
- 3 – Mobile Developer
- 4 – Project Manager
- 5 – Software Engineer
- 6 – Analytics Manager
- 7 – Software Dev Manager
- 8 – QA Managers
- 9 – UX Designers
- 10 – Software Architects

# Job Traits – Courses at De Anza providing some subject area training

- 1 – Data Scientist
- 2 – Solutions Architect  
- 3 – Mobile Developer  
- 4 – Project Manager        
- 5 – Software Engineer        
- 6 – Analytics Manager 
- 7 – Software Dev Manager 
- 8 – QA Managers
- 9 – UX Designers
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# Vocational

Enterprise Security Engineers

Enterprise Security  
Certificate

[http://deanza.edu/counseling/pdf/degrees/cis\\_enterprise\\_security.pdf](http://deanza.edu/counseling/pdf/degrees/cis_enterprise_security.pdf)

What you should do?

# Position Yourself

Resume

Social Profile

Network

Applying for jobs - [ventureloop.com](http://ventureloop.com), [pwcmoneytree.com](http://pwcmoneytree.com)

Leadership

Your Leadership ..