



# CPP MSBA INFO SESSION FALL 2021 COHORT

CBA CPP

# Presenters

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- Note: this presentation will be available on our website.

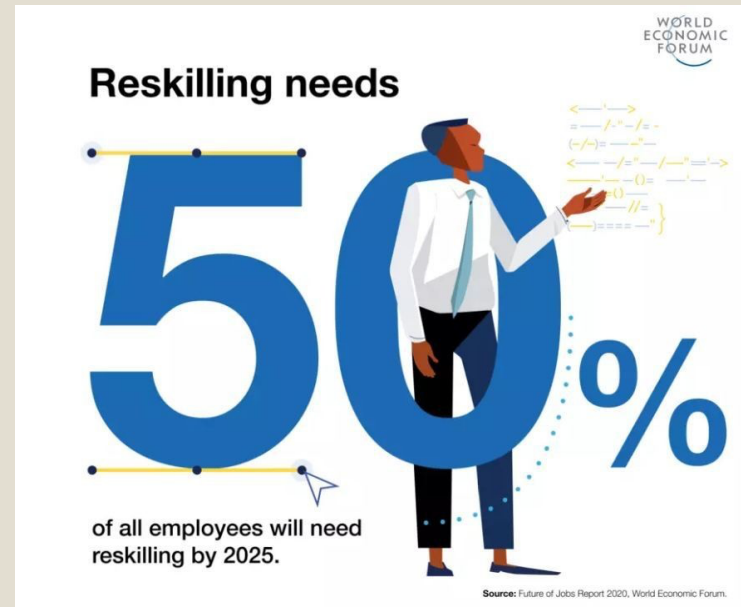
# Future of the work - skills

## Increasing demand

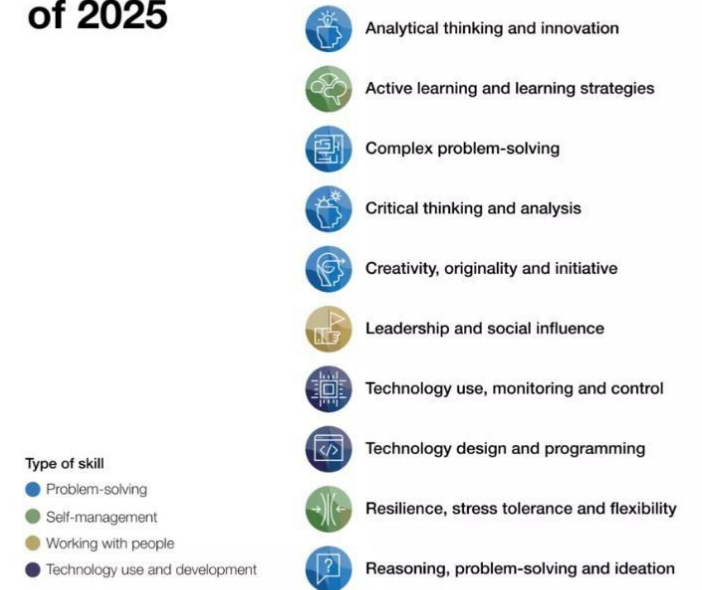
1	Data Analysts and Scientists
2	AI and Machine Learning Specialists
3	Big Data Specialists
4	Digital Marketing and Strategy Specialists
5	Process Automation Specialists
6	Business Development Professionals
7	Digital Transformation Specialists
8	Information Security Analysts
9	Software and Applications Developers
10	Internet of Things Specialists
11	Project Managers
12	Business Services and Administration Managers
13	Database and Network Professionals
14	Robotics Engineers
15	Strategic Advisors
16	Management and Organization Analysts
17	FinTech Engineers
18	Mechanics and Machinery Repairers
19	Organizational Development Specialists
20	Risk Management Specialists

Source

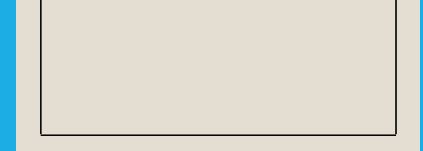
Future of Jobs Survey 2020, World Economic Forum.



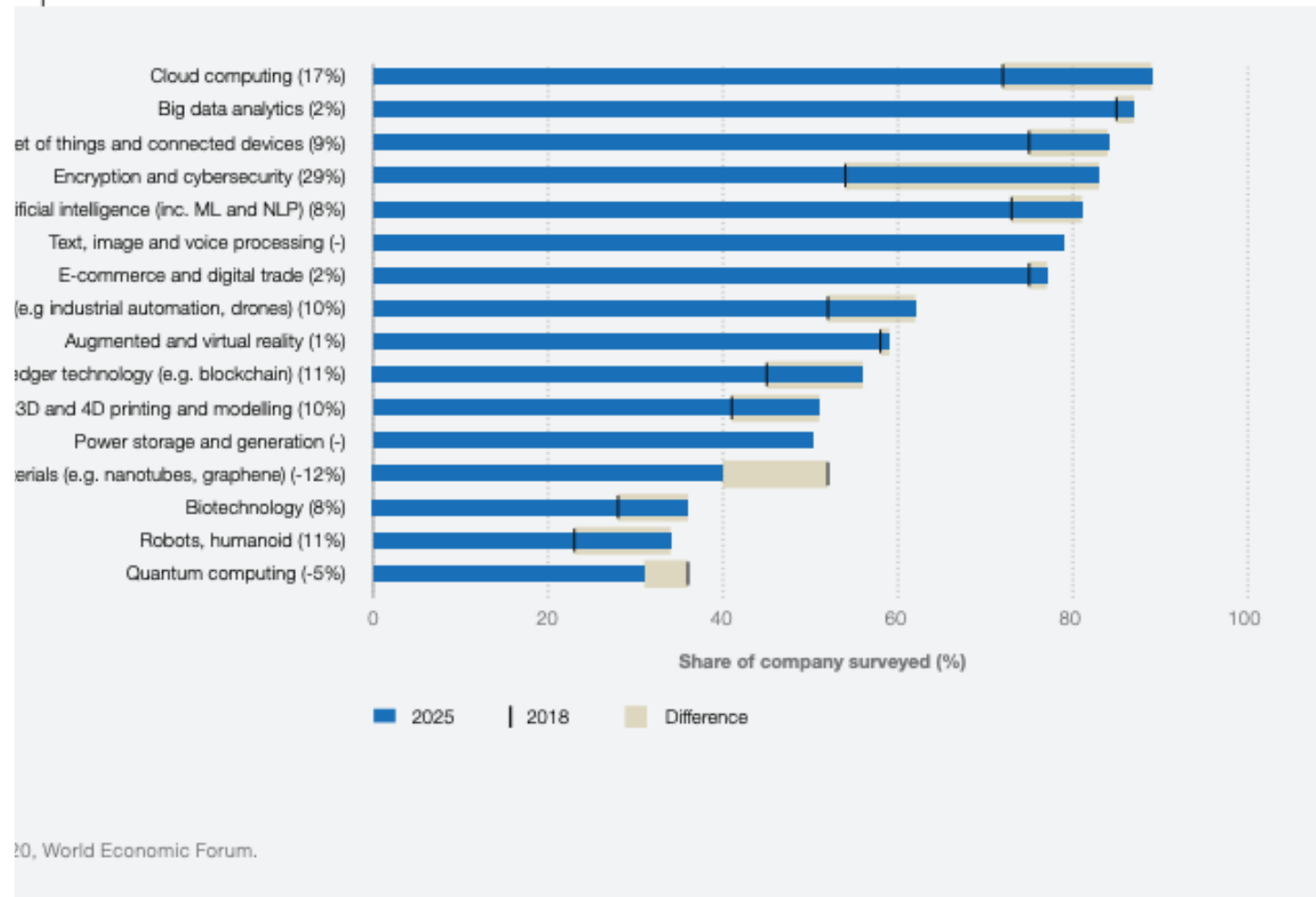
## Top 10 skills of 2025



Source - [http://www3.weforum.org/docs/WEF\\_Future\\_of\\_Jobs\\_2020.pdf](http://www3.weforum.org/docs/WEF_Future_of_Jobs_2020.pdf)



## Technologies likely to be adopted by 2025 (by share of companies surveyed)



# FUTURE OF THE WORK - TECHNOLOGIES

# Program Highlights

- AACSB accredited program
  - offered by CPP College of Business Administration
  - administrated by CPP college of Extended University
  - Degree is MS in Business Analytics from Cal Poly Pomona
- STEM program
- Flexible roadmaps - one year or two-year length for full-time and part-time students
- Project experiences throughout the program ([www.cppmsba.org](http://www.cppmsba.org))
- Networking and speaker series ([www.cppmsba.org](http://www.cppmsba.org) )
- Learn powerful toolboxes (Python, R, Tableau, AWS, Hadoop etc.)
- Focus on business story telling competences
- Taught by CPP CBA business faculty with expertise in various areas of business analytics

# Program competences

Core Skills	Fall	Spring	Summer
<b>Business</b>	<ul style="list-style-type: none"> <li>Business Metrics and Analytics</li> </ul>	<ul style="list-style-type: none"> <li>Industry Speaker Series</li> </ul>	<ul style="list-style-type: none"> <li>Professional and Organizational Workshops</li> </ul>
<b>Data</b>	<ul style="list-style-type: none"> <li>Programming Foundation</li> </ul>	<ul style="list-style-type: none"> <li>Data Management</li> </ul>	<ul style="list-style-type: none"> <li>Big Data</li> </ul>
<b>Analytics</b>	<ul style="list-style-type: none"> <li>Statistics Essentials</li> </ul>	<ul style="list-style-type: none"> <li>Advanced Statistics</li> <li>Predictive Analytics</li> </ul>	<ul style="list-style-type: none"> <li>Optimization</li> <li>Social Media Analytics</li> </ul>
<b>Experientia</b> I	<ul style="list-style-type: none"> <li>Business Analytics Challenges – Innovation &amp; Idea Development</li> </ul>	<ul style="list-style-type: none"> <li>Business Analytics Challenges – Analysis &amp; Design</li> </ul>	<ul style="list-style-type: none"> <li>Business Analytics Challenges – Implementation &amp; Leading Change</li> </ul>

# Sample Curriculum

- Programming Foundation for Business Analytics (3 credits)
- Statistics Essentials for Business Analytics (3 credits)
- Data Mining for Business Analytics (3 credits)
- Data Management in Business Analytics (3 credits)
- Social Media Analytics & Text Mining (3 credits)
- Optimization Methods for Business Analytics (3 credits)
- Big Data Technology in Business (3 credits)

# Program implementation

- <https://www.cpp.edu/ceu/degree-programs/business-analytics/index.shtml>
- Format
  - face to face format as designed
  - virtual in Fall 2020 and Spring 2021
- Time: combination of weekend sessions and weekday evening sessions
- Two roadmaps
- Cohort – fall cohort



# Program Cost and Financial Aid

- CPP CBA – \$825 per unit \* 33 units = \$27225, plus the university fees (\$848.11 for spring 2021)
  - USC 2019 cost - \$68,000, UCI 2019 cost - \$ 60,688.58, LMU - \$43,500 - \$52,200
  - USC 2020 cost - \$70,000 (and \$3000 fees), UCI 2020 cost - \$55,690 (for one-year program), LMU \$1,450 per unit (\$43,500 - \$52,200)
- Financial aid - FAFSA
- Merit based graduate assistantship

# Admission

- The M.S. Business Analytics is open to students who hold a baccalaureate degree with certain quantitative and programming background from a regionally accredited college or university. The admission to this program is based on the holistic view of the following criteria:
  - Demonstrated mastery of college algebra, statistics, and programming with a grade of “C” or better in relevant coursework.
  - Undergraduate degree with at least 2.5 Grade Point Average (or equivalent).
  - For International students: demonstrated proof of English proficiency, e.g., TOEFL score of 550 (paper-based), 213 (computer-based) or 79 (internet-based), or IELTS of 6.5 or above. (Duolingo test this year, 105 minimum)
  - Two letters of recommendation (links sent to the references to upload the letters)
  - Statement of purpose and other materials