

Big Data Computing

Master's Degree in Computer Science
2025-2026



SAPIENZA
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The Last Take Home Message

What Did We (Hopefully) Learn?

Data is generated at an unprecedented rate

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There is the need for **new "tools"** which allow **storing, managing, and analyzing** big data painlessly

Why Did We Learn It?

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Mastering the **theoretical** and **practical** aspects of Big Data Computing allows us to **stand out** in a **highly competitive** job market

A Few Numbers...

The screenshot shows the Indeed job search interface. At the top, there are links for 'Find jobs', 'Company reviews', and 'Find salaries'. Below these, the search criteria are set to 'What: big data' and 'Where: City, state, or zip code'. A row of filters includes 'Remote', 'Date Posted', 'Salary', 'Job Type', 'Location', 'Company', and 'Experience Level'. A section titled 'Upload your resume - Let employers find you' is visible. Below this, the search results are for 'big data jobs', sorted by 'relevance - date'. The page indicates 'Page 1 of 38,807 jobs'. On the right, there is a box titled 'Be the first to see new big data jobs' with a 'My email:' field.

indeed Find jobs Company reviews Find salaries

What big data **Where** City, state, or zip code

Remote Date Posted ▼ Salary ▼ Job Type ▼ Location ▼ Company ▼ Experience Level

[Upload your resume](#) - Let employers find you

big data jobs

Sort by: **relevance** - [date](#)

Page 1 of 38,807 jobs ?

Be the first to see new big data jobs

My email:


<https://www.indeed.com/jobs?q=big+data&l=>

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<https://www.indeed.com/jobs?q=big+data&l=>


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How much does a Data Scientist make in the United States?

[Per year](#) 



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How much does a Data Scientist make in the United States?

Per year

Average base salary ?
4.6k salaries reported, updated at May 22, 2020

\$123,516
per year

The average salary for a data scientist is \$123,516 per year in the United States.

Most common benefits

- Commuter assistance
- Health savings account
- 401(k)
- Health insurance
- Paid sick time

[View more benefits](#)



Seriously, This Is Not Just About The Money!

You may have the chance to land on a job at one of the coolest tech companies out there

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Or any other renowned company operating on a sector you like

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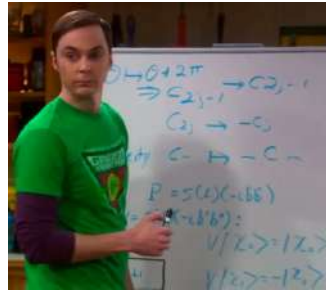


Or any other renowned company operating on a sector you like



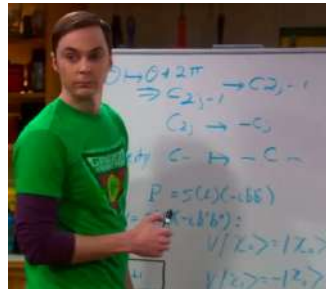
This Is Surely Not About The Money!

You may also think of pursuing a career in academic research!



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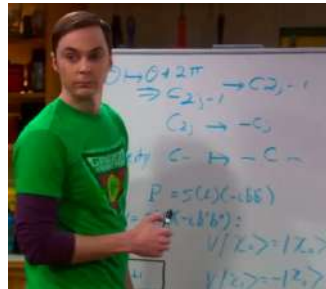
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Autonomous Driving Federated Learning Natural Language Processing

Computer Vision

Adversarial Learning

To Wrap Things Up

If your ambition is to compete for a job at a top-level company, or start a career in academic research you should consider getting a PhD on these topics

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In the meantime, at [HERCOLE Lab](#) we are always looking for talented and passionate students who wants to work on the following areas

Explainable AI

Federated Learning

Machine Learning Theory

Thank You!