Potential Data Job List

**Hard Skills = Real Jobs**

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| --- | --- |
| Skills / Technologies Covered | Relevant Job Titles |
| Advanced Excel | Data Analyst |
| Python (NumPy, Pandas, etc.) | Data Engineer |
| HTML / CSS | Data Journalist |
| API Interactions | Business Analyst |
| Social Media Mining | SQL Developer |
| SQL | Systems Engineer |
| Hadoop | Database Administrator |
| Tableau | Big Data Engineer |
| Advanced Statistics | Business Intelligence Analyst |
| R | Web Developer / Frontend Engineer |
| Git / GitHub | Software Engineer |

• Ultimately, your ability to land jobs will come down to your proficiency in concrete, in-demand skills and your ability to learn new ones.

• Recruiters may not always see it in this way, so it’s up to you to show through your portfolio and interviews that you have the skills (and passion) to succeed on the job.

**The Data Landscape: Skill Clusters**

**Business Analyst**

* Primary Skills: SQL, Excel
* Secondary Skills: Tableau, PowerPoint

**Data Analyst**

* Primary Skills: Excel, SQL
* Secondary Skills: Tableau, Powerpoint

**Data Engineer**

* Primary Skills: Python /R, SQL
* Secondary Skills: JavaScript, Tableau

**Data Scientist**

* Primary Skills: Python /R, SQL
* Secondary Skills: Hadoop, Adv. Statistics

**SQL Developer**

* Primary Skill: SQL
* Secondary Skills: Python / R, AWS

**Systems Engineer**

* Primary Skills: SQL, Python
* Secondary Skill: JavaScript

**Database Admin**

* Primary Skills: SQL, AWS
* Secondary Skills: Tableau, Python / R

**Big Data Engineer**

* Primary Skills: Hadoop, SQL
* Secondary Skills: Adv. Statistics, Machine Learning

**Business Intel. Analyst**

* Primary Skills: Excel, Tableau
* Secondary Skills: SQL, Powerpoint

**Research Analyst**

* Primary Skills: SQL, Python
* Secondary Skills: Excel, Tableau

**Web/Frontend Dev.**

* Primary Skills: HTML/CSS
* Secondary Skill: SQL

**Software Engineer**

* Primary Skills: Python, JavaScript
* Secondary Skill: SQL