18 Most Recommended Data Science Platforms To Learn Python and SQL

A comprehensive guide to the most popular data science learning platforms by the community

What each platform is known for and how they're unique

Platform	What They're Known For
Strata scratch	500+ interview and practice questions from real companies tailored for data scientists with a full-fledged coding workspace. Questions not only include technical coding questions but other type of data science interview questions in statistics, ML/AI, and product sense.
Leet code	1000+ interview and practice questions aim at software developers with a vibrant community and discussion board.
Algoexpert	Interview prep questions with a full-fledged coding workspace aimed for software developers. They offer 8 different languages, including python. Questions are tailored for software development interviews.
InterviewQuery	Questions from real companies and interviews, emailed to you daily. The premium version gives you access to the solutions and full database of questions.
HackerRank	Good general education for various coding languages for people without a working knowledge of coding. It's not obvious if this platform is for recruiters or for students as the user experience for students is lacking.
Mode analytics	Great python and SQL tutorials for someone without a coding background to start. This is a great starting step for those completely new to both languages.
Datacamp	Speciality courses that cover a variety of different skills and topics for your industry and career type.
W3schools	Software developer optimized for learning, testing, and training. Many use the site mainly for reference to certain concepts and functions.
Exponent	Interview prep, career coaching, and community. Video driven to help you prepare for an upcoming interview. They started in Product Management and now are branching out.
Codecademy	Catalog of classes with over 12 programming languages. Learn general skills to improve on your compentencies.
Pluralsight	General education courses on various types of roles such as software developer.
365 data science	Focused on data science and includes many topics like business intelligence, statistics, ML.
Dataquest.io	Learn a variety of data science skills from data mining, machine learning, statistics, SQL querying
freeCodecamp	Learn general technical skills for the language you're interested in learning
Exercism.io	3,373 exercises across 50 languages. Exercism is 100% free forever
Realpython.com	Python tutorials for developers of all skill levels. Offers Python books, courses, news, code examples, articles, and more.
Academy Vertabelo	Learn the basics of SQL and python through various courses that focus on specific skills
RMOTR	Learn data science techniques through projects and courses

What type of user would benefit most from each platform

Platform	Who should use it
Strata scratch	Current and aspiring data scientists with basic to advance backgrounds in python or SQL seeking to either prepare for an interview or simply improve their analytical skills aligned to specific companies and technical topics
Leet code	Specifically focus on software developers but good for data scientists seeking to prepare for an interview or improve their analytical skills aligned to a specific company and technical topics
Algoexpert	Software developers preparing for their coding interviews
InterviewQuery	Data Scientists preparing for their interviews. Although, I've found their free version great for keeping your skills fresh as questions are delivered at a regular cadence via email.
HackerRank	Aspiring data scientists looking to learn and practice python specific technical topics.
Mode analytics	Aspiring, new data scientists looking for a tutorial to start their journey
Datacamp	Data scientists and other technical types interested learning specific skills aligned to an industry and role type.
W3schools	Technical types interested in a free guided tutorial to learn the basics.
Exponent	Data Scientists preparing for their interviews.
Codecademy	Aspiring data scientists interested in a course that starts from the basics and covers a broad range of data science topics such as data science tools, statistics, data engineering, ML
Pluralsight	People aspiring to learn python but aren't necessarily specifically trying to learn data science concepts.
365 data science	Aspiring data scientists interested in a course that starts from the basics and covers a broad range of data science topics such as data science tools, statistics, data engineering, ML
Dataquest.io	Aspiring data scientists interested in a course that starts from the basics and covers a broad range of data science topics such as data science tools, statistics, data engineering, ML
freeCodecamp	People aspiring to learn python but aren't necessarily specifically trying to learn data science concepts.
Exercism.io	People aspiring to learn python but aren't necessarily specifically trying to learn data science concepts.
Realpython.com	People aspiring to learn python but aren't necessarily specifically trying to learn data science concepts.
Academy Vertabelo	People aspiring to learn python but aren't necessarily specifically trying to learn data science concepts.
RMOTR	Aspiring data scientists interested in a course that starts from the basics and covers a broad range of data science topics such as data science tools, statistics, data engineering, ML

Teaching style and features by user experience level

Platform	URL	User Experience Level	Teaching Style	Videos	Interactive IDE
Strata scratch	stratascratch.com	Experienced	Interactive, Self-Guided	On Youtube	Fully functional
Leet code	leetcode.com	Experienced	Interactive, Self-Guided	No	Fully functional
Algoexpert	algoexpert.io	Experienced	Both	Yes	Fully functional
InterviewQuery	interviewquery.com	Experienced	Lectured Based	No	No
HackerRank	hackerrank.com	Beginners	Interactive, Self-Guided	No	Limited
Mode analytics	mode.com	Beginners	Both	No	Limited
Datacamp	datacamp.com	Both	Interactive, Self-Guided	No	Limited
W3schools	w3schools.com	Beginners	Lectured Based	On Youtube	Limited
Exponent	tryexponent.com	Both	Lectured Based	Yes	No
Codecademy	codecademy.com	Both	Both	On Youtube	Limited
Pluralsight	pluralsight.com	Both	Both	On Youtube	Limited
365 data science	365datascience.com	Both	Lectured Based	Yes	No
Dataquest.io	dataquest.io	Both	Both	On Youtube	Limited
freeCodecamp	freecodecamp.org	Beginners	Lectured Based	On Youtube	No
Exercism.io	exercism.io	Beginners	Lectured Based	On Youtube	No
Realpython.com	realpython.com	Beginners	Lectured Based	Yes	No
Academy Vertabelo	academy.vertabelo.com	Both	Interactive, Self-Guided	No	Limited
RMOTR	rmotr.com	Beginners	Interactive, Self-Guided	Yes	Limited

Educational topics by technical focus (Data Science and Software Development)

Platform	URL	Data Science/Software Development Focused	Python/SQL Languages Offered	Specialty Topics/General Education
Strata Scratch	stratascratch.com	Data Science	Both	Interview prep & General Education
LeetCode	leetcode.com	Software Development	Both	Interview prep & General Education
Algoexpert	algoexpert.io	Software Development	Python	Interview prep
InterviewQuery	interviewquery.com	Data Science	Both	Interview prep
HackerRank	hackerrank.com	Nothing specific	Both	General Education
Mode analytics	mode.com	Data Science	Both	General Education
Datacamp	datacamp.com	Both	Both	Specialty Topics & General Education
W3schools	w3schools.com	Nothing specific	Both	General Education
Exponent	tryexponent.com	Data Science	Python	Interview prep
Codecademy	codecademy.com	Data Science	Both	General Education
Pluralsight	pluralsight.com	Software Development	Both	General Education
365 data science	365datascience.com	Data Science	Both	General Education
Dataquest.io	dataquest.io	Data Science	Both	General Education
freeCodecamp	freecodecamp.org	Nothing specific	Both	General Education
Exercism.io	exercism.io	Nothing specific	Both	General Education
Realpython.com	realpython.com	Software Development	Python	General Education
Academy Vertabelo	academy.vertabelo.com	Software Development	Both	General Education
RMOTR	rmotr.com	Data Science	Both	General Education