💻**REKOMENDOWANE ŚCIEŻKI UCZENIA**💻

PYTHON DEVELOPER:

* **[Programowanie w języku Python - 2022](https://www.udemy.com/course/programowanie-w-jezyku-python/?referralCode=C7E5AD6D60ADCBDEF759)**
* [**200+ Ćwiczeń - Programowanie w języku Python**](https://www.udemy.com/course/programowanie-w-jezyku-python-od-a-do-z-cwiczenia/?referralCode=F7E8037914EA401783CF)
* [**210+ Ćwiczeń - Python - Moduły wbudowane**](https://www.udemy.com/course/cwiczenia-python-moduly-wbudowane/?referralCode=2FC3D3B57972694B5D40)
* **[Programowanie obiektowe w języku Python - OOP](https://www.udemy.com/course/programowanie-obiektowe-jezyk-python-oop-kurs/?referralCode=A277D1725978D0DA0A9B)**
* **[150+ Ćwiczeń - Programowanie obiektowe w języku Python](https://www.udemy.com/course/cwiczenia-programowanie-obiektowe-w-jezyku-python-oop-kurs/?referralCode=0658F3C7E0CF039D280E)**
* **[Zaimplementuj 150 funkcji w języku Python - Kurs praktyczny](https://www.udemy.com/course/funkcje-python-kurs-praktyczny/?referralCode=B8691221CF0F0096DED6)**
* **[100+ Ćwiczeń - Zaawansowane programowanie w języku Python](https://www.udemy.com/course/zaawansowane-programowanie-w-jezyku-python/?referralCode=9F06CF056805CD81EE54)**
* **[Testy jednostkowe w języku Python - framework unittest](https://www.udemy.com/course/kurs-testy-jednostkowe-jezyk-python-framework-unittest/?referralCode=F2A5869309BF127E806F)**
* **[100+ Ćwiczeń - Testy jednostkowe w języku Python - unittest](https://www.udemy.com/course/testy-jednostkowe-w-jezyku-python-unittest-kurs/?referralCode=A923D8BD40476EDDA13B)**
* **[250+ Pytań - Rozmowa kwalifikacyjna - Python Developer](https://www.udemy.com/course/pytania-rozmowa-kwalifikacyjna-python-developer/?referralCode=1EFE9417740F2EF981AD)**

SQL DEVELOPER:

* [**SQL Bootcamp - Bazy danych SQLite - Part I**](https://www.udemy.com/course/sql-bootcamp-bazy-danych-sqlite/?referralCode=CBFDC1BBD8C0B3942207)
* [**SQL Bootcamp - Bazy danych SQLite - Part II**](https://www.udemy.com/course/sql-bootcamp-bazy-danych-sqlite-2/?referralCode=D9C065553AEF8DD7CE45)
* **[SQL Bootcamp - Bazy danych SQLite - Part III - Ćwiczenia](https://www.udemy.com/course/sql-bootcamp-bazy-danych-sqlite-cwiczenia/?referralCode=D3B2EA9829FC6D4AE308)**
* **[SQL Bootcamp - Bazy danych SQLite - Part IV - Ćwiczenia](https://www.udemy.com/course/sql-bootcamp-bazy-danych-sqlite-cwiczenia-ii/?referralCode=C59DBA99D2FE9EDB3B8E)**
* **[Big Data: Analiza danych przy użyciu SQL oraz BigQuery](https://www.udemy.com/course/big-data-bigquery/?referralCode=10C0A466D6710285AEC6)**
* **[200+ Pytań - Rozmowa kwalifikacyjna - SQL Developer](https://www.udemy.com/course/pytania-rozmowa-kwalifikacyjna-sql-developer/?referralCode=97DA3819A84AC8E296FA)**
* **[110+ Ćwiczeń - Python + SQL (sqlite3) - Bazy Danych SQLite](https://www.udemy.com/course/cwiczenia-python-sql-sqlite3-bazy-danych-sqlite/?referralCode=00BF41613950BF1918DF)**

DATA SCIENTIST / MACHINE LEARNING ENGINEER:

* **wszystkie kursy ze ścieżki PYTHON DEVELOPER**
* **[Wprowadzenie do data science w języku Python - Pandas](https://www.udemy.com/course/wprowadzenie-data-science/?referralCode=D85D646D30D785FD5277)**
* **[120+ Ćwiczeń w języku Python - Data Science - NumPy](https://www.udemy.com/course/python-data-science-numpy-cwiczenia/?referralCode=CE6EF51049A940B99286)**
* **[130+ Ćwiczeń w języku Python - Data Science - Pandas](https://www.udemy.com/course/cwiczenia-jezyk-python-data-science-pandas/?referralCode=67448BE61AC404315CD5)**
* **[Interaktywne wizualizacje danych w języku Python - Plotly](https://www.udemy.com/course/wizualizacje-danych-python/?referralCode=A548AF40A5D2D658DAE6)**
* **[Data Science Bootcamp w języku Python](https://www.udemy.com/course/data-science-bootcamp-python/?referralCode=7ACF0CA84807A88740FB)**
* [**250+ Ćwiczeń - Data Science Bootcamp w języku Python**](https://www.udemy.com/course/250-data-science-bootcamp-w-jezyku-python/?referralCode=BFFC4AF3CF8B8A6C85AB)
* [**Machine Learning Bootcamp w języku Python cz.I**](https://www.udemy.com/course/machine-learning-bootcamp-w-jezyku-python/?referralCode=92994CE6227390CFA9D7)
* [**Machine Learning Bootcamp w języku Python cz.II**](https://www.udemy.com/course/machine-learning-bootcamp-w-jezyku-python-ii/?referralCode=AE397842FEFADB697DC8)
* [**Machine Learning Bootcamp w języku Python cz.III**](https://www.udemy.com/course/machine-learning-bootcamp-w-jezyku-python-cwiczenia/?couponCode=CYBERMONTH)
* [**SQL Bootcamp - Bazy danych SQLite - Part I**](https://www.udemy.com/course/sql-bootcamp-bazy-danych-sqlite/?referralCode=CBFDC1BBD8C0B3942207)
* [**SQL Bootcamp - Bazy danych SQLite - Part II**](https://www.udemy.com/course/sql-bootcamp-bazy-danych-sqlite-2/?referralCode=D9C065553AEF8DD7CE45)
* **[SQL Bootcamp - Bazy danych SQLite - Part III - Ćwiczenia](https://www.udemy.com/course/sql-bootcamp-bazy-danych-sqlite-cwiczenia/?referralCode=D3B2EA9829FC6D4AE308)**
* **[SQL Bootcamp - Bazy danych SQLite - Part IV - Ćwiczenia](https://www.udemy.com/course/sql-bootcamp-bazy-danych-sqlite-cwiczenia-ii/?referralCode=C59DBA99D2FE9EDB3B8E)**
* **[110+ Ćwiczeń - Python + SQL (sqlite3) - Bazy Danych SQLite](https://www.udemy.com/course/cwiczenia-python-sql-sqlite3-bazy-danych-sqlite/?referralCode=00BF41613950BF1918DF)**

DATA SCIENTIST / DEEP LEARNING ENGINEER

* **wszystkie kursy ze ścieżki DATA SCIENTIST / MACHINE LEARNING ENGINEER**
* [**Python w Data Science - NumPy, Pandas & Scikit-Learn**](https://www.udemy.com/course/python-data-science-numpy-pandas-scikit-learn/?referralCode=E2D91A9775860CF63DA5)
* **[Wprowadzenie do sieci neuronowych - Tensorflow 2.0 + Keras](https://www.udemy.com/course/wprowadzenie-tensorflow-keras/?referralCode=74356FE803194F2C3C42)**
* **[Deep Learning w języku Python - Konwolucyjne Sieci Neuronowe](https://www.udemy.com/course/deep-learning-w-jezyku-python/?referralCode=24567C4A18A3F17E0B47)**
* **[Artificial Intelligence – Computer Vision w języku Python](https://www.udemy.com/course/artificial-intelligence-computer-vision/?referralCode=09C26CA07A8F6DF74148)**

BI ANALYST / DATA ANALYST:

* **wszystkie kursy ze ścieżki PYTHON DEVELOPER**
* **[Wprowadzenie do data science w języku Python - Pandas](https://www.udemy.com/course/wprowadzenie-data-science/?referralCode=D85D646D30D785FD5277)**
* **[120+ Ćwiczeń w języku Python - Data Science - NumPy](https://www.udemy.com/course/python-data-science-numpy-cwiczenia/?referralCode=CE6EF51049A940B99286)**
* **[130+ Ćwiczeń w języku Python - Data Science - Pandas](https://www.udemy.com/course/cwiczenia-jezyk-python-data-science-pandas/?referralCode=67448BE61AC404315CD5)**
* **[Interaktywne wizualizacje danych w języku Python - Plotly](https://www.udemy.com/course/wizualizacje-danych-python/?referralCode=A548AF40A5D2D658DAE6)**
* **[Twórz nowoczesne aplikacje webowe w Pythonie - Dash, Plotly](https://www.udemy.com/course/aplikacje-webowe-dash/?referralCode=40C44F12D311213BEC48)**
* **[Data Science Bootcamp w języku Python](https://www.udemy.com/course/data-science-bootcamp-python/?referralCode=7ACF0CA84807A88740FB)**
* [**250+ Ćwiczeń - Data Science Bootcamp w języku Python**](https://www.udemy.com/course/250-data-science-bootcamp-w-jezyku-python/?referralCode=BFFC4AF3CF8B8A6C85AB)
* [**SQL Bootcamp - Bazy danych SQLite - Part I**](https://www.udemy.com/course/sql-bootcamp-bazy-danych-sqlite/?referralCode=CBFDC1BBD8C0B3942207)
* [**SQL Bootcamp - Bazy danych SQLite - Part II**](https://www.udemy.com/course/sql-bootcamp-bazy-danych-sqlite-2/?referralCode=D9C065553AEF8DD7CE45)
* **[SQL Bootcamp - Bazy danych SQLite - Part III - Ćwiczenia](https://www.udemy.com/course/sql-bootcamp-bazy-danych-sqlite-cwiczenia/?referralCode=D3B2EA9829FC6D4AE308)**
* **[SQL Bootcamp - Bazy danych SQLite - Part IV - Ćwiczenia](https://www.udemy.com/course/sql-bootcamp-bazy-danych-sqlite-cwiczenia-ii/?referralCode=C59DBA99D2FE9EDB3B8E)**
* **[110+ Ćwiczeń - Python + SQL (sqlite3) - Bazy Danych SQLite](https://www.udemy.com/course/cwiczenia-python-sql-sqlite3-bazy-danych-sqlite/?referralCode=00BF41613950BF1918DF)**
* **[200+ Pytań - Rozmowa kwalifikacyjna - SQL Developer](https://www.udemy.com/course/pytania-rozmowa-kwalifikacyjna-sql-developer/?referralCode=97DA3819A84AC8E296FA)**

BIG DATA ANALYST:

* **wszystkie kursy ze ścieżki PYTHON DEVELOPER**
* **[Wprowadzenie do data science w języku Python - Pandas](https://www.udemy.com/course/wprowadzenie-data-science/?referralCode=D85D646D30D785FD5277)**
* **[120+ Ćwiczeń w języku Python - Data Science - NumPy](https://www.udemy.com/course/python-data-science-numpy-cwiczenia/?referralCode=CE6EF51049A940B99286)**
* **[130+ Ćwiczeń w języku Python - Data Science - Pandas](https://www.udemy.com/course/cwiczenia-jezyk-python-data-science-pandas/?referralCode=67448BE61AC404315CD5)**
* **[Interaktywne wizualizacje danych w języku Python - Plotly](https://www.udemy.com/course/wizualizacje-danych-python/?referralCode=A548AF40A5D2D658DAE6)**
* **[Big Data, Hadoop oraz MapReduce w języku Python](https://www.udemy.com/course/big-data-hadoop-mapreduce/?referralCode=5D8569C9A3FC2D232B67)**
* **[Big Data: Analiza danych przy użyciu SQL oraz BigQuery](https://www.udemy.com/course/big-data-bigquery/?referralCode=10C0A466D6710285AEC6)**

100 DAYS OF CODE:

* [**100 Days of Code: Python Developer Challenge 2022**](https://www.udemy.com/course/100-days-of-code-python-developer-challenge/?referralCode=5E0E2E14EACE5F12CBC0)
* [**100 Days of Code: Data Scientist Challenge 2022**](https://www.udemy.com/course/100-days-of-code-data-scientist-challenge/?referralCode=D0E3E12FB158A9BBD4DD)
* [**30 Days of Python Code: NumPy Challenge 2022**](https://www.udemy.com/course/30-days-of-python-code-numpy-challenge/?referralCode=B46B9FE6EB39D0748BD0)

PYTHON CERTIFICATIONS:

* [**PCEP™ - Certified Entry-Level Python Programmer - Exams**](https://www.udemy.com/course/certified-entry-level-python-programmer-pcep-exams/?referralCode=B4FA1635EFED3CF7EBC5)
* [**PCAP™ - Certified Associate in Python Programming - Exams**](https://www.udemy.com/course/pcap-certified-associate-in-python-programming-exams/?referralCode=E67FFCF5FB06E78E5411)
* [**PCPP1™ – Certified Professional in Python Programming 1**](https://www.udemy.com/course/pcpp1-certified-professional-in-python-programming/?referralCode=0F00DDE72FC80104EDD2)
* [**Certified Entry-Level & Associate in Python Programming Pack**](https://www.udemy.com/course/pcep-pcap-certified-entry-level-associate-python/?referralCode=F29BD35F8DB397E3EE79)
* [**Certified Associate & Professional Python Programming Pack**](https://www.udemy.com/course/certified-associate-professional-python-pcap-pcpp1/?referralCode=6371E2688458D33E9D37)
* [**Entry-Level, Associate & Professional Python Programming**](https://www.udemy.com/course/entry-level-associate-professional-python-programming/?referralCode=82FC90D65C1BF48BBAFE)

JOB INTERVIEW PATH:

* [**250+ Pytań - Rozmowa kwalifikacyjna - Python Developer**](https://www.udemy.com/course/pytania-rozmowa-kwalifikacyjna-python-developer/?referralCode=1EFE9417740F2EF981AD)
* [**200+ Pytań - Rozmowa kwalifikacyjna - SQL Developer**](https://www.udemy.com/course/pytania-rozmowa-kwalifikacyjna-sql-developer/?referralCode=97DA3819A84AC8E296FA)
* [**200+ Pytań - Rozmowa kwalifikacyjna - Data Scientist**](https://www.udemy.com/course/pytania-rozmowa-kwalifikacyjna-interview-data-scientist/?referralCode=770A5AD2B941C4E63E1F)
* [**200+ Pytań - Job Interview - Software Developer - Git**](https://www.udemy.com/course/pytania-job-interview-software-developer-git/?referralCode=C2E4F9DD3FADC1B51C1E)

PYTHON DEVELOPER ENGLISH:

* [**200+ Exercises - Programming in Python - from A to Z**](https://www.udemy.com/course/200-exercises-programming-in-python-from-a-to-z/?referralCode=B8F5DEBD2FB418EA4147)
* [**210+ Exercises - Python Standard Libraries - from A to Z**](https://www.udemy.com/course/exercises-python-standard-libraries/?referralCode=C4B0D9955BD0C79696EE)
* [**150+ Exercises - Object Oriented Programming in Python**](https://www.udemy.com/course/exercises-object-oriented-programming-in-python-oop-course/?referralCode=B53C3A8BD1A72E62EFE1)
* [**150+ Exercises - Data Structures in Python - Hands-On**](https://www.udemy.com/course/150-exercises-data-structures-in-python/?referralCode=3725F199011E95ED4221)
* [**100+ Exercises - Advanced Python Programming**](https://www.udemy.com/course/advanced-exercises-python-programming/?referralCode=24CF0346E66901646D5D)
* [**100+ Exercises - Unit tests in Python - unittest framework**](https://www.udemy.com/course/unit-testing-python-unittest-framework/?referralCode=876B2AFF6B1E38D534CE)
* [**250+ Questions - Job Interview - Python Developer**](https://www.udemy.com/course/questions-job-interview-python-developer/?referralCode=AE4B06A324B8E8B94370)

PYTHON MEGA PACK:

* [**300+ Exercises - Python Programming Mega Pack**](https://www.udemy.com/course/python-programming-exercises-mega-pack/?referralCode=D304944CDD8B12E80DC1)
* [**350+ Exercises - Python Programming Mega Pack - OOP**](https://www.udemy.com/course/python-programming-exercises-oop/?referralCode=8FB078824FF49301BA6C)
* [**380+ Exercises - Python Programming Mega Pack - Built-in**](https://www.udemy.com/course/python-programming-modules-packages/?referralCode=308A056F6445876D4E23)
* [**350+ Exercises - Python Programming Mega Pack - Unit Tests**](https://www.udemy.com/course/python-programming-unittest-exercises/?referralCode=8CB432AF45A6355D3C93)
* [**Python for Data Science - NumPy, Pandas & Scikit-Learn**](https://www.udemy.com/course/python-for-data-science-numpy-pandas-scikit-learn/?referralCode=BA9E39680A7059AD4E07)

DATA SCIENTIST ENGLISH:

* [**100+ Exercises - Python Programming - Data Science - NumPy**](https://www.udemy.com/course/100-exercises-python-programming-data-science-numpy/?referralCode=5EBB9741CD12E8CEB744)
* [**100+ Exercises - Python Programming - Data Science - Pandas**](https://www.udemy.com/course/100-exercises-python-programming-data-science-pandas/?referralCode=9ACF7D5172F2AC8C8A40)
* [**230+ Exercises - Python for Data Science - NumPy + Pandas**](https://www.udemy.com/course/python-for-data-science-numpy-pandas-exercises/?referralCode=F700E066A04A50C9DA98)
* [**100+ Exercises - Python - Data Science - scikit-learn**](https://www.udemy.com/course/100-exercises-python-data-science-scikit-learn/?referralCode=4BEED75986FF57D56D59)
* [**250+ Exercises - Data Science Bootcamp in Python**](https://www.udemy.com/course/250-exercises-data-science-bootcamp-in-python/?referralCode=673FE6893CE253526C4D)
* [**SQL Bootcamp - Hands-On Exercises - SQLite - Part I**](https://www.udemy.com/course/sql-bootcamp-hands-on-exercises-sqlite-part-i/?referralCode=FF68FEF0106BDE6D4950)
* [**SQL Bootcamp - Hands-On Exercises - SQLite - Part II**](https://www.udemy.com/course/sql-bootcamp-hands-on-exercises-sqlite-part-ii/?referralCode=A12E7493134B4913E53B)
* [**110+ Exercises - Python + SQL (sqlite3) - SQLite Databases**](https://www.udemy.com/course/exercises-python-sql-sqlite3-sqlite-databases/?referralCode=1B896926F8F2AB20E765)
* [**230+ Exercises - Python for Data Science - NumPy + Pandas**](https://www.udemy.com/course/python-for-data-science-numpy-pandas-exercises/?referralCode=F700E066A04A50C9DA98)
* [**Python for Data Science - NumPy, Pandas & Scikit-Learn**](https://www.udemy.com/course/python-for-data-science-numpy-pandas-scikit-learn/?referralCode=BA9E39680A7059AD4E07)

JOB INTERVIEW ENGLISH:

* [**250+ Questions - Job Interview - Python Developer**](https://www.udemy.com/course/questions-job-interview-python-developer/?referralCode=AE4B06A324B8E8B94370)
* [**200+ Questions - Job Interview - SQL Developer**](https://www.udemy.com/course/questions-job-interview-sql-developer/?referralCode=400DDE0F0FB4B467E800)
* [**200+ Questions - Job Interview - Software Developer - Git**](https://www.udemy.com/course/questions-job-interview-software-developer-git/?referralCode=DBA0C7BE8A9731FF8055)
* [**200+ Questions - Job Interview - Data Scientist**](https://www.udemy.com/course/questions-job-interview-data-scientist/?referralCode=DC7F02F2FDDF4F01076E)

MICROSOFT AZURE CERTIFICATIONS:

* [**Exam AZ-900: Microsoft Azure Fundamentals Practice Tests**](https://www.udemy.com/course/microsoft-azure-fundamentals-practice-tests-exam-az-900/?referralCode=EF1C2199FF199C3F3677)
* [**Exam DP-900 Microsoft Azure Data Fundamentals Practice Tests**](https://www.udemy.com/course/exam-dp-900-microsoft-azure-data-fundamentals-practice-tests/?referralCode=CB10816946ACF942037B)
* [**Exam AI-900: Microsoft Azure AI Fundamentals Practice Tests**](https://www.udemy.com/course/microsoft-azure-ai-fundamentals-practice-tests/?referralCode=8987C2A4122CBECAA45E)
* [**Exam DP-203: Microsoft Azure Data Engineer Associate - Tests**](https://www.udemy.com/course/exam-dp-203-microsoft-azure-data-engineer-associate-tests/?referralCode=734F74A95CCE7F26DFF2)
* [**Microsoft Azure Fundamentals Pack - AZ-900 + DP-900 + AI-900**](https://www.udemy.com/course/microsoft-azure-fundamentals-pack-az-900-dp-900-ai-900/?referralCode=3E11A9A1405B9399E1B3)

OTHER CLOUD CERTIFICATIONS:

* [**AWS Certified Cloud Practitioner - Practice Exams**](https://www.udemy.com/course/aws-certified-cloud-practitioner-latest-practice-exams/?referralCode=3240A9E0EA4FB88786E3)
* [**Google Associate Cloud Engineer - GCP ACE - Exams**](https://www.udemy.com/course/google-associate-cloud-engineer-gcp-ace-exams/?referralCode=6919367DEBA0EBDB7A3B)
* [**Google Professional Cloud Architect - GCP PCA - Exams**](https://www.udemy.com/course/google-professional-cloud-architect-gcp-pca-exams/?referralCode=93D80397A6B0F2A2BF38)
* [**Google Professional Cloud Developer - GCP PCD - Exams**](https://www.udemy.com/course/google-professional-cloud-developer-gcp-exams/?referralCode=1799600309347FFA29B1)
* [**Google Cloud Professional Data Engineer - GCP - Exams**](https://www.udemy.com/course/google-cloud-professional-data-engineer-gcp-exams/?referralCode=EEA647C49C05657A6D77)
* [**Certified MongoDB Developer -  C100DEV Practice Tests**](https://www.udemy.com/course/certified-mongodb-developer-exam-c100dev-practice-tests/?referralCode=7C53E66FEE68F9ED088C)
* [**Certified MongoDB Database Administrator - Practice Tests**](https://www.udemy.com/course/certified-mongodb-database-administrator-exam-practice-tests/?referralCode=36F7BA60899B0B6B2527)
* [**Google Professional Cloud Architect & Developer Mega Pack**](https://www.udemy.com/course/google-professional-cloud-architect-developer/?referralCode=9F385F0A0E8FE0CCC742)
* [**Google Professional Cloud Architect & Data Engineer Pack**](https://www.udemy.com/course/google-professional-cloud-architect-data-engineer/?referralCode=480181AD84F975B9AE01)
* [**Google Professional Data Engineer & Cloud Developer Pack**](https://www.udemy.com/course/google-professional-data-engineer-cloud-developer/?referralCode=1898C9D2F60F028D5FB2)

SQL DEVELOPER ENGLISH:

* [**SQL Bootcamp - Hands-On Exercises - SQLite - Part I**](https://www.udemy.com/course/sql-bootcamp-hands-on-exercises-sqlite-part-i/?referralCode=FF68FEF0106BDE6D4950)
* [**SQL Bootcamp - Hands-On Exercises - SQLite - Part II**](https://www.udemy.com/course/sql-bootcamp-hands-on-exercises-sqlite-part-ii/?referralCode=A12E7493134B4913E53B)
* [**110+ Exercises - Python + SQL (sqlite3) - SQLite Databases**](https://www.udemy.com/course/exercises-python-sql-sqlite3-sqlite-databases/?referralCode=1B896926F8F2AB20E765)
* [**200+ Questions - Job Interview - SQL Developer**](https://www.udemy.com/course/questions-job-interview-sql-developer/?referralCode=400DDE0F0FB4B467E800)
* [**SQL Bootcamp - SQLite - Hands-On Exercises**](https://www.udemy.com/course/sql-bootcamp-sqlite-database-exercises/?referralCode=18DBE420B6B11D47E2B8)