

# A Practical Approach to Timeseries Forecasting using Python

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**Shahzaib Hamid**  
AI Sciences Instructor

# Instructor

- Shahzaib Hamid, Ph.D. Scholar
- 7 Years in Academia and Industry
- AI Consultant
- Lecturer, Superior University Lahore, Pakistan
- Vast Experience in Multiple AI based R&D Fields
- R&D Interests Include, Data Science & Analysis, Computer Vision, NLP, Reinforcement Learning, Applied Machine Learning and Data Engineering in Industry Oriented Problem Solving

# AI Sciences

- More than 39000 Students
- +75% Courses on Udemy have +4.5/5 Ratings
- Team based on Ph.D. Experts and Industrial Experts
- Prepare you to solve digital problems
- Courses are dedicated to beginners and field experts
- Subject Domains: Data Science, Machine Learning, SVMs, Reinforcement Learning, Python, Django and Flask, and AWS

# In this Course

- Python Usage
- Basic Data Manipulation in Time Series using Python
- Data Visualization for Timeseries Forecasting using Python
- Machine Learning in Time Series Forecasting using Python
- Recurrent Neural Networks for Time Series using Python
- Project 1: COVID-19 Prediction using Machine Learning Algorithms
- Project 2: Microsoft Corporation Stock Prediction using RNNs
- Project 3: Birthrate Forecasting using RNNs with Advance Data Analysis