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# CERTIFICATE OF COMPLETION

This certifies that

**Alan Contreras**

has successfully completed the W3Schools requirements for

**Pandas Fundamentals**

documenting fundamental knowledge of data analysis using Pandas.

Issued January 25, 2024

A handwritten signature in black ink, reading 'Thomas Thorsell-Arntsen'.

Thomas Thorsell-Arntsen  
for W3schools.com