## Dealing with Database for Dates



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# Dates in MYSQL



#### DATE:

- YYYY-MM-DD
- 1000-01-01 to 9999-12-31

#### **DATETIME:**

- YYYY-MM-DD HH:MM:SS[.fraction]
- 1000-01-01 00:00:00 to 9999-12-31 23:59:59

#### **TIMESTAMP:**

- stores timestamp in format YYYY-MM-DD HH:MM:SS[.fraction]
- 1970-01-01 00:00:01 UTC to 2038-01-19 03:14:07 UTC



# Dates in PHP and MYSQL



#### PHP stores date as Unix timestamp

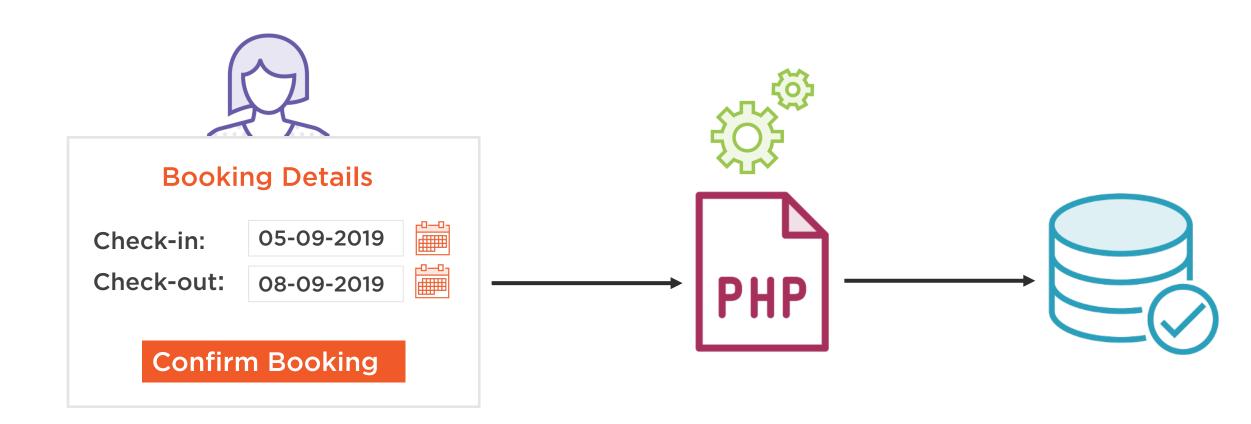
- 1697890090

#### **MYSQL** stores date in format:

- YYYY-MM-DD HH:MM:SS
- 2023-10-21 17:38:10



## Formatting Dates before Inserting



### Demo



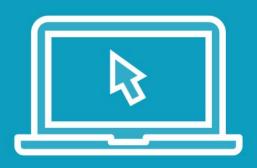
Using PHP to format the date to save to database



## You're my date not His



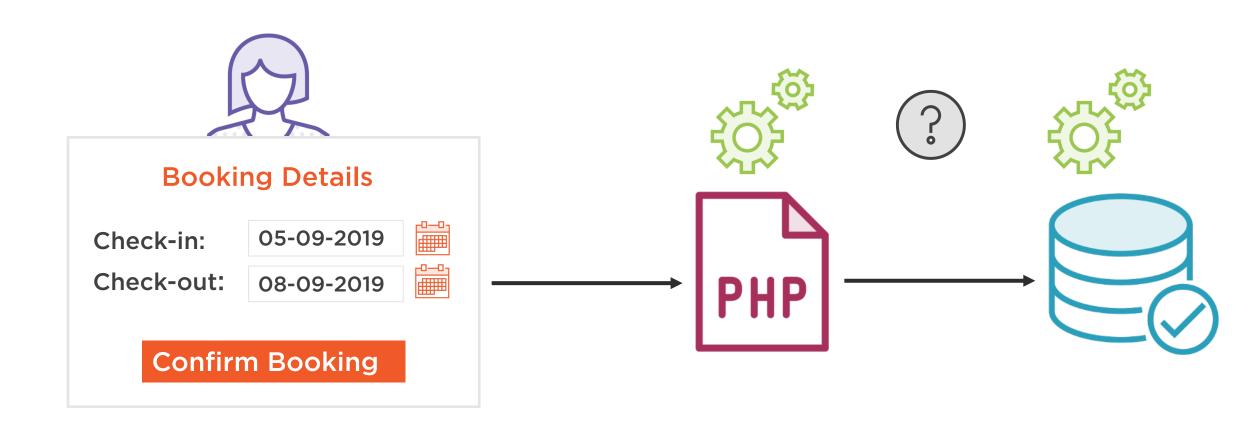
#### Demo



Using MYSQL functions to format the date to save to database



## Formatting Dates before Inserting



### Time & Date



Time



## Time

