

Task 5.1

① Dependencies:

Driver id → DriverName, Taxi id, ~~Jobid~~, ~~Jobid~~,
 Jobstart Time,
 Client id → ClientName, Pickup Address.

To convert to 3NF, eliminate transitive dependencies.

Driver id	DriverName	Taxi id	Jobid	Client id
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Client id	ClientName	Pickup Address
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Jobid	Jobstart Time
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Task id

Task 5.2

② Functional dependencies between columns of the table.

Identify primary keys and alternate keys.
 (3NF)

LeaseNo	StudentNo	FirstLastName	First Name, Surname	...
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LeaseNo → StudentNo, FirstLastName, First Name, Surname, State, Zip, Country.

FirstLastName → First Name, Surname, State, Zip, Country.

First Name → First Name, Surname, State, Zip, Country.

LeaseNo	StudentNo	FirstLastName	First Name, Surname	State, Zip, Country
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FirstLastName	First Name, Surname
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StudentNo	First Name, Surname	State, Zip, Country
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First Name, Surname	State, Zip, Country
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