

DataEng S24 - Data Transformation Quiz

Total points 30/40

The respondent's email (**arlyss@pdx.edu**) was recorded on submission of this form.



Match each activity with its corresponding type of data transformation *

	Filtering	Reshaping	Tidying	Decoding	Enhancing	Shielding	Optimizing
sampling a large data set to produce a representative smaller data set	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
dropping unneeded rows	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
eliminating atomicity anomalies	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
eliminating unwanted characters from strings	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
expanding encoded values within the data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
data dancing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
filling in missing data values using preceding values	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
anonymizing data by mapping personally identifying information to generic values	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
interpolation of missing values within the data set	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>



resampling a
time series to
create
aggregated
values at a
coarser time
scale



throwing a
party for the
data and
inviting all of
its friends



selecting
specific rows



exploding
multi-value
cells into
individual
rows



fixing
misspellings
within cells



transposing
rows with
columns



dropping
unwanted
columns



obfuscating
data to
enhance
privacy



normalizing
the data to
produce a
cleaner
schema



extrapolation
of existing
data to
estimate
additional
data points



projecting

projecting
specific
columns

projecting
specific
columns

☒☐☐☐☐☐☐

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