Which of the following is a key reason that motivated the rise of parallel dataflow systems?

A  Developability
B  Elasticity
C  Fault tolerance
D  All of A, B, C
E  None of A, B, C
What is/are the key data science capability/capabilities offered by the tool DataRobot?

A Automated training data labeling
B Automated model interpretation
C Automated model building
D All of A, B, C
E Only A and C
Surprise Quiz

Which of the following extensions to SQL supports imperative programming constructs like *for loops* and *conditionals*?

A  Embedded SQL
B  Recursive SQL
C  Recurrent SQL
D  SparkSQL
E  PL/SQL
Surprise Quiz

Which stage of model selection does grid search help with?

A  Data sourcing
B  Feature engineering
C  Algorithm selection
D  Hyper-parameter tuning
E  Model deployment
Surprise Quiz

Which of the following is *not* a typical form of feature extraction on textual data?

A  Bag of words
B  Word embeddings
C  One-hot encoding
D  None of A, B, C
E  All of A, B, C
Which of the following extensions to RDBMSs enabled users to store custom data structures in table columns?

A  User-defined data types
B  System-defined data types
C  User-defined optimizers
D  System-defined optimizers
E  None of the above
Surprise Quiz

Which of the following forms of deep learning has largely obviated manual feature extraction on image data?

A  Convolutional neural networks
B  Recurrent neural networks
C  Recursive neural networks
D  Transformers
E  Multi-layer perceptrons
Answers in order of questions

D, C, E, D, C, A, A