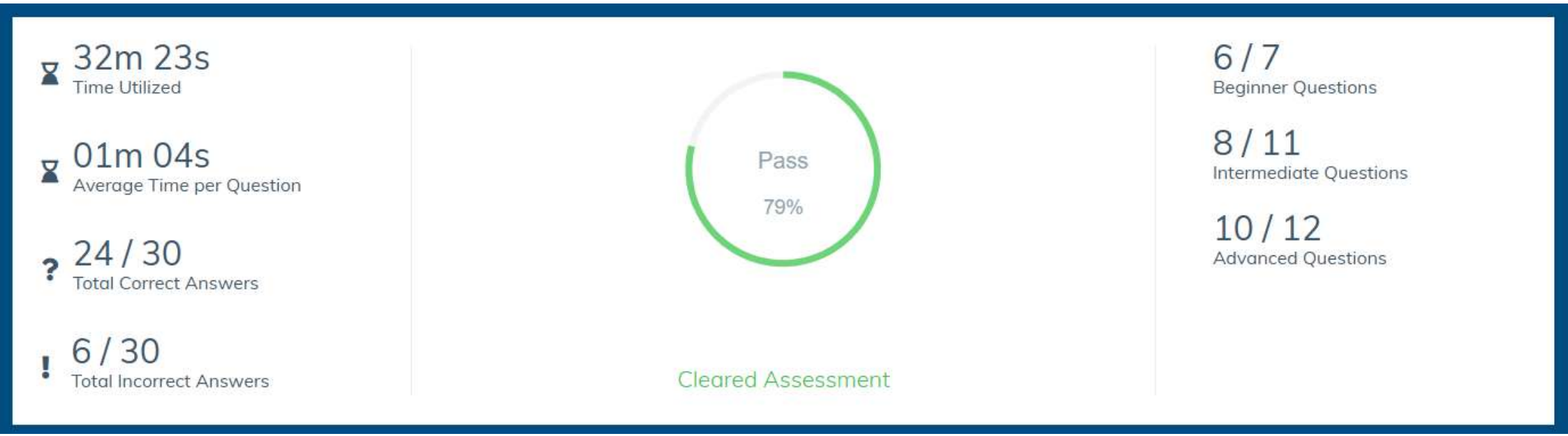

Section Based Score

Skill Based Score

Q2. Select the dendrites from the following options.

Options

- ○ transfer the input information to other neurons
- ◉ receive the input information from other neurons
- ○ receive the input information from within neurons
- ○ transfer the input information within neurons

Q1. Select the best components that are in ANN.

Options

- [x] Input Layer
- [x] Hidden Layer
- [ ] Data Layer
- [x] Output Layer

Q8. Supervised and Unsupervised are the models under Scikit -learn library. Select True or False.

Options

True

False

Q12. Select the matrix which carries only one feature for all instances so mostly one-dimensional.

Options

- ○ Feature matrix
- ◉ Target Matrix
- ○ Square Matrix
- ○ Diagonal Matrix

Q11. Choose the correct options.

_____ represents an instance and _____ represents a charateristic (feature) of each observation.

Options

- ○ Column and row
- ◉ Each row and each column
- ○ Table and row
- ○ Column and its data

Q10. Choose the disadvantages of Scikit-learn.

Options

- [x] Inflexibility
- [x] Not good for Deep Learning
- [ ] Not good for Machine Learning
- [ ] Optimzed algorithm

Q9. Choose the flow in Scikit-Learn library.

1.Perform Predictions

2.Interpret data to train models

3.Cross validation and performance metrics analysis

4.Perform feature extraction to extra features

5.Obtain sample dataset to test algorithms

Options

- ○ 2,1,3,5,4
- ○ 1,3,4,52
- ○ 2,3,4,5,1
- ◉ 5,2,1,3,4

Q8. Supervised and Unsupervised are the models under Scikit -learn library. Select True or False.

Options

True

False

Q7. Select the features of Scikit Learn.

Options

- [x] Many collaborators work to improve the library
- [x] It has complete documentation
- [x] Easy to use API
- [ ] not linear

Q6. Choose the Dataset downloaded from UCI Machine Learning Repository.

Options

- ○ Fertility Dataset
- ○ Census Income dataset
- ○ Bank Marketing Dataset
- ◉ All of the above

Q5. Select the software required for Machine Learning.

Options

- [ ] Python
- [x] Jupyter
- [x] Anaconda
- [ ] Atom

Q4. Find the creation performed same metric to select the model that outperforms.

Options

- ○ Algorithm Selection
- ○ Training Process
- ◉ Model Evaluation
- ○ Model Comparison and Selection

Q3. _____ is the process of handling missing values, outliers and noisy data.

Options

- ○ Data Exploration
- ○ Data Hiding
- ○ Data Splitting
- ◉ Data Preprocessing

Q17. Categorical data can be Nominal or Ordinal. Select TRUE or FALSE.

Options

True

False

Q16. Indicate the values that are far from the mean in messy Data .

Options

- ○ Categorical
- ○ Rescale Data
- ○ Customized
- ◉ Outliers

Q15. Choose the statement(s) which deal(s) with high absence rate.

1.Eliminate Data.

2.Create Data.

3.Fill Data.

4.Replace the missing Data.

Options

- ○ 1,2,3&4
- ◉ 1,3&4
- ○ 1,2&3
- ○ 2&3
- ○ 4

Q14. Choose the imputation using mean or median of features available.

Options

- (●) Mean imputation
- ( ) Regression
- ( ) Interpreation
- ( ) Median imputation

Q13. Data that is missing information and containing outliers or noise is considered to be messy data. Select True or False.

Options

True

False

Q30. Mean-Shift algorithm requires to specify number of clusters as a parameter. Select True or False.

Options

True

False

Q29. Choose an algorithm that classifies data point based on the density of all data points in the data space.

Options

- ○ K-MEANS
- ○ MEAN-SHIFT
- ◉ DBSCAN
- ○ K-Algoritham

Q28. Choose the model used to set rules for Clustering by commonly .

Options

- [x] Connectivity based model
- [ ] Density based model
- [x] Distribution based model
- [x] Centroid based models

Q27. Identify the alternate name for Bayes error.

Options

- (●) Irreducible
- ( ) Reducible
- ( ) Human
- ( ) Variance

Q26. Identify the equation for measuring precision metric.

Options

- ○ TP-TP+FP
- ○ TP/TP-FP
- ◉ TP/TP+FP
- ○ TP*TP+FP

Q25. Identify the process involving division of the data set into the three subset.

Options

- ○ Data Modulation
- ◉ Data Partition
- ○ Data Roaming
- ○ Data Interpretation

Q24. Expand SVM Algorithm in Supervised learning.

Options

- ○ Supply Vector Machine
- ○ Support Virtual Machine
- ◉ Support Vector Machine
- ○ Supply Virtual Machine

Q23. Select the extension of dataset in supervised learning algorithm.

Options

- ○ .jpeg
- ○ .npy
- ○ .mkv
- ◉ .csv

Q22. Select the formula to fit the data to transform it in Transformer.

Options

- ○ x_test=scalertransform(x_test)
- ○ x_test=scaler.transform
- ○ x_test.scaler.transform(x_test)
- ◉ x_test=scaler.transform(x_test)

Q21. Apply the method to previously trained model,and input the new data as an argument to the method.

Options

- predict()
- interface()
- transform()
- Scaling()

Q20. Select the option used to find out the syntax to import a different model.

Options

- dimension
- extraction
- documentation
- selection

Q19. Select the method to receive an arguments training data in two separate variables.

Options

- ○ Estimator()
- ◉ fit()
- ○ transformer()

Q18. Identify the number of complementary interfaces that are divided in Scikit-Learn API.

Options

- ○ 8
- ○ 4
- ◉ 3
- ○ 6