Peer reply

Student Name

Course Name

Professor Name

Due Date

In the first post I would like to point out that the term mines is a great term to define the the databases containing large volume of data, and I agree that the output is used to make decisions probably by managers in an institution. After data is mined from databases, the miners are presented with knowledge which they can use to make some changes. In the second question, I agree with the post whereby it talks about the methods of data mining which have been simplified when compared to my post. The methods mentioned in this post are typically what happen in the process of data mining in general however I would like to disagree at the end with last method which is knowledge representation. To my knowledge, knowledge representation is not a method of mining data instead it falls under its own category during knowledge engineering. Lastly on the last question of this post I tend to agree a lot that data mining is more than just a simple transformation of data to knowledge but rather a complex process. Henceforth, data needs to be analyzed by high processing computers with high performance to be able to perform machine learning, pattern recognition, and visualize data by use of algorithms.

In the second post, I agree with the first question whereby it talks about use of mathematical algorithms which are designed by highly skilled experts to be able to make machines learn data and analyse this information for themselves. Artificial intelligence techniques are also used in the process of data in that instead of manually finding data by ourselves and making those decisions, computers are able to learn and provide suggestions by deducing information on their own. I also comply with the second question of this post as it talks of data mining as a knowledge discovery process which is started of with the process of separating useful information from noise. I think that is the first important method of knowledge discovery process which is followed by other steps which include transforming data and then recognizing patters by use of intelligent methods. I would like to suggest that the post dwell into the describing the intelligent methods of which form the methods of data mining rather than including data mining itself as a method since it a general term. In the last question I totally agree with the post as data mining is rather a complex process, with increased use of computers which led to the rise of databases of which resulted in the need to understand it instead of dumping it as it could produce vital information.