**Forensic Tool Selection**

Your supervisor has asked you to research current forensic acquisition tools and to compile a list of recommended tools for the new forensics lab. Using the Internet to research forensic acquisition tools, create the following:

1. Create an Excel spreadsheet or an open-source equivalent that specifies vendor name, name of acquisition tool, raw format, validation methods, and overall description of tool.
2. Create a report to accompany the spreadsheet that recommends two tools based on your research. Justify your answer.
3. Use at least three (3) quality resources in this assignment. **Note:** Wikipedia and similar websites do not qualify as quality resources.

Your assignment must follow these formatting requirements:

* Be typed, double spaced, using Times New Roman font (size 12), with one-inch margins on all sides; citations and references must follow APA or school-specific format. Check with your professor for any additional instructions.
* Include a cover page containing the title of the assignment, the student’s name, the professor’s name, the course title, and the date. The cover page and the reference page are not included in the required assignment page length.

Note: Use quality resources and assignment will be check for plagiarism.

Grading for this assignment will be based on answer quality, logic / organization of the paper, and language and writing skills, using the following rubric.

**1. Create an Excel spreadsheet or open-source equivalent that specifies vendor name, name of acquisition tool, raw format, validation methods, and overall description of tool.--**

Levels of Achievement:

Unacceptable 0 (0%) - 24.15 (24.15%)

Did not submit or incompletely created an Excel spreadsheet or open-source equivalent that specifies vendor name, name of acquisition tool, raw format, validation methods, and overall description of tool.

Fair 24.5 (24.5%) - 27.65 (27.65%)

Partially created an Excel spreadsheet or open-source equivalent that specifies vendor name, name of acquisition tool, raw format, validation methods, and overall description of tool.

Proficient 28 (28%) - 31.15 (31.15%)

Satisfactorily created an Excel spreadsheet or open-source equivalent that specifies vendor name, name of acquisition tool, raw format, validation methods, and overall description of tool.

Exemplary 31.5 (31.5%) - 35 (35%)

Thoroughly created an Excel spreadsheet or open-source equivalent that specifies vendor name, name of acquisition tool, raw format, validation methods, and overall description of tool.

**2. Create a report to accompany the spreadsheet that recommends two tools based on your research. Justify your answer.--**

Levels of Achievement:

Unacceptable 0 (0%) - 34.5 (34.5%)

Did not submit or incompletely created a report to accompany the spreadsheet that recommends two tools based on your research. Justify your answer.

Fair 35 (35%) - 39.5 (39.5%)

Partially created a report to accompany the spreadsheet that recommends two tools based on your research. Justify your answer.

Proficient 40 (40%) - 44.5 (44.5%)

Satisfactorily created a report to accompany the spreadsheet that recommends two tools based on your research. Justify your answer.

Exemplary 45 (45%) - 50 (50%)

Thoroughly created a report to accompany the spreadsheet that recommends two tools based on your research. Justify your answer.

**3. Cite 3 references.--**

Levels of Achievement:

Unacceptable 0 (0%) - 3.45 (3.45%)

No references provided.

Fair 3.5 (3.5%) - 3.95 (3.95%)

Does not meet the required number of references; some or all references poor- quality choices.

Proficient 4 (4%) - 4.45 (4.45%)

Meets required number of references; all references high- quality choices.

Exemplary 4.5 (4.5%) - 5 (5%)

Exceeds required number of references; all references high- quality choices.

**4. Clarity, writing mechanics, and formatting requirements--**

Levels of Achievement:

Unacceptable 0 (0%) - 6.9 (6.9%)

More than 6 errors present.

Fair 7 (7%) - 7.9 (7.9%)

5-6 errors present.

Proficient 8 (8%) - 8.9 (8.9%)

3-4 errors present.

Exemplary 9 (9%) - 10 (10%)

0-2 errors present.