Logs Analysis

Functionality

CRITERIA	MEETS SPECIFICATIONS
Functionality	Running the code displays the correct answers to each of the questions in the project description.
Compatibility: Database	The code works with the (unchanged) database schema from the project description. It is OK to add views to the database, but don't modify or rename the existing tables.
Compatibility: Language	The code may be written in Python 2 or Python 3 but must be consistent. It should start with a correct shebang line to indicate the Python version.
Well-formatted text output	The code presents its output in clearly formatted plain text. Imagine that you are looking at this text in an email message, not on a web page.
Database queries	The code connects to and queries an SQL database. It does not use answers hardcoded into the application code.

Code quality

CRITERIA	MEETS SPECIFICATIONS
No errors	The project code runs without any error messages or warnings from the language interpreter.
Application code style	The code conforms to the PEP8 style recommendations. You can install the `pycodestyle` tool to test this, with `pip install pycodestyle` or `pip3 install pycodestyle` (Python 3). In order for this requirement to pass, running the `pycodestyle` tool on your code should produce *zero* warnings. (`pycodestyle` *was formerly known as* `pep8`. *These are the same thing.*)
SQL code quality	When the application fetches data from multiple tables, it uses a single query with a join, rather than multiple queries. Each of the questions must be answered using one SQL query.

README file

CRITERIA	MEETS SPECIFICATIONS
README file describes work	The README file includes instructions for how to run the program, as well as a description of the program's design. Imagine a person who knows Python and SQL well, but has not done this project. If that person read the README would they know how to run this code?
README file includes view definitions, if any	If the code relies on views created in the database, the README file includes the `create view` statements for these views. (If the code does not depend on views, ignore this requirement.)