**Recommendations for Running the Code**

1. **Setup**:
   * Follow the AWS EC2 setup instructions in the script header to install dependencies on an Ubuntu 22.04 instance.
   * Install qiskit-ibm-runtime if planning to use IBM Quantum hardware:

bash

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pip3 install qiskit-ibm-runtime

1. **IBM Quantum Token**:
   * Obtain a token from <https://quantum-computing.ibm.com> and provide it via:
     + Command-line: --ibm\_token your\_token\_here
     + Environment variable: export IBM\_QUANTUM\_TOKEN=your\_token\_here
2. **Execution**:
   * Run in light mode for faster execution on limited hardware:

bash

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python3 qspf\_hardware\_travel\_enhanced\_with\_visualizations.py --light\_mode --use\_hardware --ibm\_token your\_token\_here

* + Use debug mode for testing:

bash

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python3 qspf\_hardware\_travel\_enhanced\_with\_visualizations.py --debug\_mode

1. **Validation Data**:
   * If you have real-world influencer or survey data, prepare a survey\_data.csv with columns influencer\_type, product\_category, and purchase\_likelihood to enable meaningful validation in `correlate\_userROLLED HERE.