**Technical Proposal**

**Executive Summary**  
I will help you process your Excel data by applying the required formulas and creating clean, insightful visualizations using Python. With expertise in **data analysis, matplotlib, and pandas**, I can ensure your datasets are transformed into easy-to-understand charts that highlight trends and insights effectively.

**Introduction and Background**  
Working with Excel datasets can often become repetitive and time-consuming. Automating the process with Python ensures accuracy, flexibility, and reproducibility. My background in **data science and visualization** equips me to handle such tasks efficiently.

**Proposed Solution & Add Value**

1. Load and clean Excel datasets using **pandas**.
2. Apply the required formula(s) to transform data.
3. Create professional visualizations (e.g., line, bar, scatter, or pie charts) with **matplotlib**.
4. Deliver reusable Python scripts so you can apply the process to future datasets.  
   This approach will not only solve your immediate requirement but also save you time in future projects.

**Timeline and Deliverables**

* **Day 1**: Review datasets and confirm required formulas.
* **Day 2**: Apply transformations and generate preliminary charts.
* **Day 3**: Deliver final cleaned data, visualizations, and Python scripts.

**Resources**

* Python (pandas, matplotlib, numpy)
* Jupyter Notebook for clarity and demonstration
* Your provided Excel files

**Technical Specifications**

* Code will be modular and well-documented
* Visualizations will be exportable (PNG, PDF, or Excel embedded charts)
* Compatible with Python 3.8+

**Terms and Conditions**

* Fixed price: **$10.00** (covers full delivery and one round of revisions)
* Source code and visualizations will be delivered upon final payment

**Conclusion and Call to Action**  
I am confident that I can deliver clean, accurate, and insightful visualizations quickly. Let’s discuss your dataset and exact formula requirements so I can get started immediately.

**Financial Proposal**

**Understand Client Requirements**

* Process a few Excel files, apply a simple formula, and create clear data visualizations.
* Deliver both outputs (processed data + charts) and reusable Python scripts.

**Break Down Costs**

* Data cleaning and formula application: **$3**
* Visualization with matplotlib: **$4**
* Documentation and delivery of reusable script: **$3**  
  **Total Fixed Price: $10.00**

**Justify Pricing**  
This is an efficient, one-time project that will provide you not only the required visualizations but also a Python script that you can reuse for future datasets, ensuring long-term value.

**Payment Terms**

* Milestone-based:
  + 50% upon initial delivery of visualizations
  + 50% upon final approval and script handover

**Presentation**  
You will receive:

1. Cleaned Excel/CSV file with applied formulas
2. High-quality charts in PNG/PDF
3. Python script with comments for reusability

**Customization and Personalization**  
Charts and formulas will be tailored exactly to your dataset and reporting style. If you prefer a specific chart design (e.g., business-style presentation or academic-style plots), I will adjust accordingly.

**Follow-Up and Negotiate**  
I am open to adjustments in visualization style, delivery format, or additional datasets if required in the future.