Here is a rubric outlining the steps from data collection to deployment of a **simple LIVE web application**:

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| **Data Collection** | **10** |
| 1. Define the problem and identify the data needed | 2 |
| 1. Collect and clean the data | 4 |
| 1. Pre-process and transform the data | 2 |
| 1. Store the data in a database or file system | 2 |
| **Data Analysis and Modelling** | **20** |
| 1. Explore and visualize the data | 4 |
| 1. Develop a machine learning model or perform statistical analysis | 8 |
| 1. Evaluate and refine the model | 4 |
| 1. Deploy the model using an API or web service | 4 |
| **Web Application Development** | **30** |
| 1. Design the user interface and user experience | 6 |
| 1. Develop the frontend using HTML, CSS, and JavaScript | 8 |
| 1. Develop the backend using a web framework | 8 |
| 1. Integrate the model or API into the web application | 8 |
| **Testing and Debugging** | **10** |
| 1. Write unit tests and integration tests | 4 |
| 1. Perform functional and performance testing | 4 |
| 1. Debug and fix errors | 2 |
| **Deployment** | **10** |
| 1. Set up the production environment | 4 |
| 1. Deploy the web application | 4 |
| 1. Monitor and maintain the application | 2 |
| **Total** | **100** |