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**Optimizing 3D Object Fabrication For Steadiness**

1. **Introduction:**

Digital analysis of shapes is a powerful tool in many fields. Our application touched on manufacturing, where we used it to optimize 3D-printed objects' stability.

This could be very useful in the design of heavy objects, allowing one to save a lot of time and effort in providing the adequate structural support needed for unsteady objects.dddd

Chart, surface chart

Description automatically generated

We made alterations to the object's interior to make it hollow or dense in specific points.