

# Stoichiometry Data

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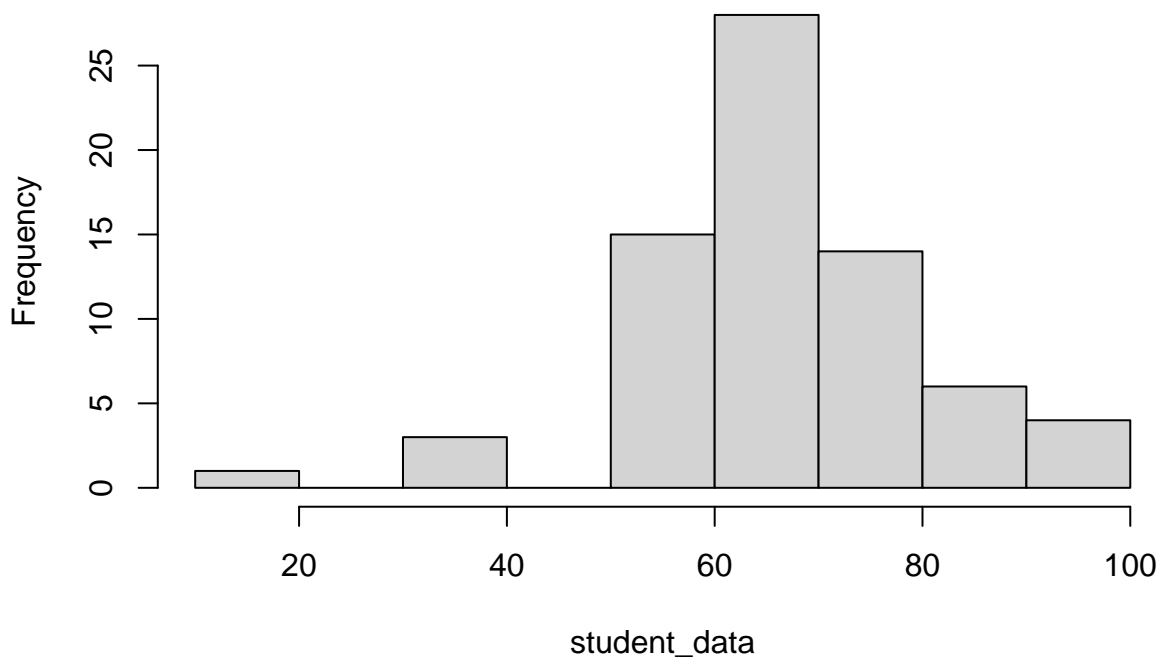
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## Norming Results

This is the distribution of student results for the %mass of sodium bicarbonate in Alka-Seltzer from Fall 2022, 2023 and Spring 2024

```
hist(student_data)
```

**Histogram of student\_data**



```
rel_sd <- sd(student_data)/mean(student_data)
print(rel_sd)
```

```
## [1] 0.2133519
```

Based on this, it looks like a 20% error is a good margin for evaluation.