2.

Variety: Big Max

Location: Houston, California

Year: 2350 (based off of ID)

7a.

China: 851lbs (highest)

USA: 847lbs

Australia: 837lbs

7b

Australia Blue Doll 824lbs (lowest mean weight)

Australia Ghost 828lbs

Australia Fairytale 836lbs

USA Ghost 840lbs

China Fairytale 840lbs

USA Blue Doll 841lbs

China Blue Doll 843lbs

USA Big Max 848lbs

China Ghost 858lbs

USA Fairytale 859lbs

China Big Max 862lbs

Australia Big Max 864lbs

A graph showing a weight of pumpkins

Description automatically generated

***Figure 1:*** Scatter graph showingEstimated vs Actual Weight of Pumpkins for Q5. Graph shows a linear positive correlation between estimated weight and actual weight for all classes of weight. Outliers present for all weight classes, heavier pumpkin outliers were underestimated compared to their actual weight. Medium and light pumpkins have were both contain under and over estimated outliers.

A diagram of a group of rectangular objects

Description automatically generated with medium confidence

***Figure 2:*** Boxplot showing Weight distribution by Country for Q8. Graph shows very similar average weights and ranges for all countries. Australia has the heaviest pumpkin, despite China having slightly the heaviest average.

A graph showing a variety of data

Description automatically generated with medium confidence

***Figure 3:*** Boxplots showing average weights by country and variety for Q9. All countries and varieties have similar average weights and ranges. The Big Max was the heaviest pumpkin, found in Australia.