**Drawing Histograms - GREEN**

Draw a labeled Histogram for each set of data. Ensure this is done accurately! Remember to think carefully about how you label the $x$-axis…

1. Money Spent in a clothes shop.

|  |  |
| --- | --- |
| **Money Spent (£**$x$**)** | **Frequency** |
| $$0\leq x<20$$ | 40 |
| $$20\leq x<30$$ | 50 |
| $$30\leq x<40$$ | 55 |
| $$40\leq x<50$$ | 40 |
| $$50\leq x<100$$ | 50 |

2. Kilometres travelled by bike.

|  |  |
| --- | --- |
| **Distance Travelled (**$x$ **km)** | **Frequency** |
| $$0\leq x<50$$ | 55 |
| $$5\leq x<10 $$ | 45 |
| $$10\leq x<15$$ | 30 |
| $$15\leq x<30$$ | 30 |
| $$30\leq x<50$$ | 25 |

3. People’s earnings in the UK.

|  |  |
| --- | --- |
| **Earnings (₤**$x$**)** | **Frequency** |
| $$0\leq x<10 0000$$ | 5 000 |
| $$10 000\leq x<20 000 $$ | 120 000 |
| $$20 000\leq x<25 000$$ | 50 000 |
| $$25 000\leq x<30 000$$ | 32 000 |
| $$30 000\leq x<40 000$$ | 12 000 |
| $$40 000\leq x<50 000$$ | 5 000 |
| $$50 000\leq x<100 000$$ | 10 000 |

**Drawing Histograms - AMBER**

Draw a labeled Histogram for each set of data. Ensure this is done accurately! Remember to think carefully about how you label the $x$-axis…

1. Money Spent in a clothes shop.

|  |  |  |
| --- | --- | --- |
| **Money Spent (£**$x$**)** | **Frequency** | **Frequency Density** |
| $$0\leq x<20$$ | 40 |  |
| $$20\leq x<30$$ | 50 |  |
| $$30\leq x<40$$ | 55 |  |
| $$40\leq x<50$$ | 40 |  |
| $$50\leq x<100$$ | 50 |  |

2. Kilometres travelled by bike.

|  |  |  |
| --- | --- | --- |
| **Distance Travelled (**$x$ **km)** | **Frequency** | **Frequency Density** |
| $$0\leq x<50$$ | 55 |  |
| $$5\leq x<10 $$ | 45 |  |
| $$10\leq x<15$$ | 30 |  |
| $$15\leq x<30$$ | 30 |  |
| $$30\leq x<50$$ | 25 |  |

3. People’s earnings in the UK.

|  |  |  |
| --- | --- | --- |
| **Earnings (₤**$x$**)** | **Frequency** | **Frequency Density** |
| $$0\leq x<10 0000$$ | 5 000 |  |
| $$10 000\leq x<20 000 $$ | 120 000 |  |
| $$20 000\leq x<25 000$$ | 50 000 |  |
| $$25 000\leq x<30 000$$ | 32 000 |  |
| $$30 000\leq x<40 000$$ | 12 000 |  |
| $$40 000\leq x<50 000$$ | 5 000 |  |
| $$50 000\leq x<100 000$$ | 10 000 |  |

**Drawing Histograms - RED**

Draw a labelled Histogram for each set of data. Ensure this is done accurately!

1. Money Spent in a clothes shop.

|  |  |  |
| --- | --- | --- |
| **Money Spent (£**$x$**)** | **Frequency** | **Frequency Density** |
| $$0\leq x<20$$ | 40 |  |
| $$20\leq x<30$$ | 50 |  |
| $$30\leq x<40$$ | 55 |  |
| $$40\leq x<50$$ | 40 |  |
| $$50\leq x<100$$ | 50 |  |



2. Kilometres travelled by bike.

|  |  |  |
| --- | --- | --- |
| **Distance Travelled (**$x$ **km)** | **Frequency** | **Frequency Density** |
| $$0\leq x<50$$ | 55 |  |
| $$5\leq x<10 $$ | 45 |  |
| $$10\leq x<15$$ | 30 |  |
| $$15\leq x<30$$ | 30 |  |
| $$30\leq x<50$$ | 25 |  |



3. People’s earnings in the UK.

|  |  |  |
| --- | --- | --- |
| **Earnings (₤**$x$**)** | **Frequency** | **Frequency Density** |
| $$0\leq x<10 0000$$ | 5 000 |  |
| $$10 000\leq x<20 000 $$ | 120 000 |  |
| $$20 000\leq x<25 000$$ | 50 000 |  |
| $$25 000\leq x<30 000$$ | 32 000 |  |
| $$30 000\leq x<40 000$$ | 12 000 |  |
| $$40 000\leq x<50 000$$ | 5 000 |  |
| $$50 000\leq x<100 000$$ | 10 000 |  |

