

# Databases– Part 1

## Lesson 7 & 8

<http://www.yahmad.co.uk/>

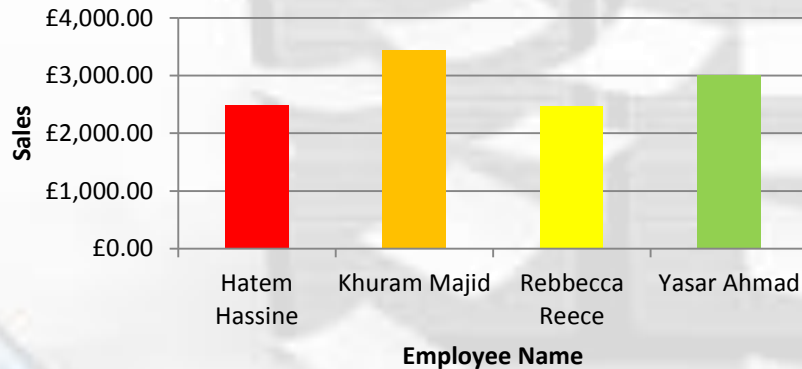
# Starter 1 – Labels



Can you think  
how labels  
could be used  
in every day  
life?

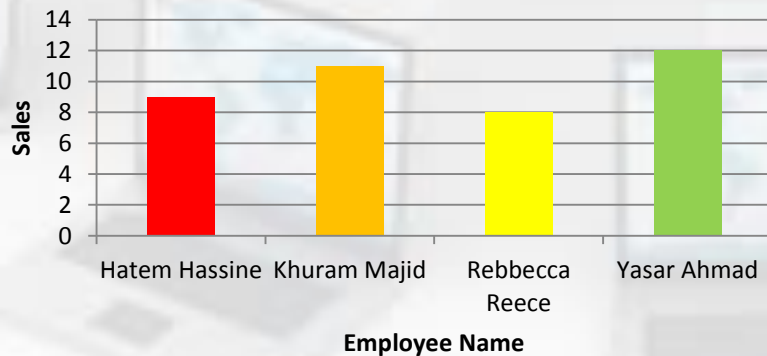
# Starter 2 – Graphs

## Total Sum of Sales



**What are the advantages of displaying information in a graph format?**

## Total Count of Sales



# Lesson Overview

## Objectives

To understand the use of data labels.

To Understand the purpose of summary queries.

To understand how data can be exported and displayed in different formats.

## Outcomes

## Time

Outcomes	Time
<b>Task 1</b> Create Labels for <b>Sony Xperia M2</b>	
<b>Task 2</b> Create Summary Query <ul style="list-style-type: none"><li>• Export Data</li><li>• Create Graphs</li></ul>	

# Task 1 – Labels

Produce labels from all the data which:

- Are arranged in two columns
- Show only the records where the club is **Mobile Brand is Sony and the model is Xperia M2**
- Show only the fields **Customer Name, Model, Brand, Price and Extras** each on a separate line
- Display the field name as well as the data apart from the **Customer Name Field**.
- Include the **heading**

**Sony Xperia M2 Sales** - in a larger font at the top of each label (**Size 14, Bold and Black**)

- An image of the **Sony Xperia** should appear on each label to right of the text.
- Format the label with suitable colours – Refer to your Data Entry Form

Example Label:

Sony Xperia M2 Sales	
Mesut Ozil	
Model: Xperia M2	
Brand: Sony	
Price: 320.5	
Extras: 8 MP camera 1.2 GHz Quad-core processor	

Sony Xperia M2 Sales	
Vincent Kompany	
Model: Xperia M2	
Brand: Sony	
Price: 320.5	
Extras: 8 MP camera 1.2 GHz Quad-core processor	

**Extension:** Using the same settings create labels for the following phones: Apple – **Iphone 4** and **All Samsung Phones**

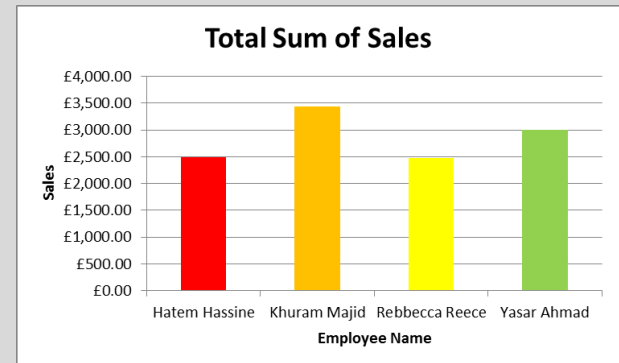
# Task 2 – Summary Query

## Create a new Query with the following Criteria:

- Make a query showing the following Fields: **Sales Person** and **Price**
- **Sum** up the **total Price** for each club Sales Person and then select the **Count Records** check box.
- **Export the query into an spreadsheet software.**

## Create a graph using a suitable spreadsheet software:

- Select the first two columns and create a simple bar chart.
- Apply Appropriate formatting and Delete the legend
- **Title: Total Sum of Sales, Horizontal Axis Title: Employee Name, Vertical Axis Title: Sales**
- **Create a graph using the 1<sup>st</sup> and 3<sup>rd</sup> Columns to show the total count of sales for each sales person**



## Extension:

- **Create a Sum Query for Brands and Price. Export the data and create a Graph**
- **Create a Sum Query for Models and Price. Export the data and create a Graph**

# Plenary – Refer to the Lesson Objectives

## Objectives

To understand the use of data labels.

To Understand the purpose of summary queries.

To understand how data can be exported and displayed in different formats.

## Plenary Task (Q&A)

Peer Assess each others work and suggest possible improvements.  
Discuss the levels pupils have achieved for this task.