1. List the customers from California who bought red mountain bikes in September 2003. Use order date as date bought.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CustomerID | LastName | FirstName | ModelType | ColorList | OrderDate | SaleState |

1. List the employees who sold race bikes shipped to Wisconsin without the help of a retail store in 2001

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| EmployeeID | LastName | SaleState | ModelType | StoreID | OrderDate |

1. List all of the (distinct) rear derailleurs installed on road bikes sold in Florida in 2002.

|  |  |  |
| --- | --- | --- |
| ComponentID | ManufacturerName | ProductNumber |

1. Who bought the largest (frame size) full suspension mountain bike sold in Georgia in 2004?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CustomerID | LastName | FirstName | ModelType | SaleState | FrameSize | OrderDate |

1. Which manufacturer gave us the largest discount on an order in 2003?

|  |  |
| --- | --- |
| ManufacturerID | ManufacturerName |

1. What is the most expensive road bike component we stock that has a quantity on hand greater than 200 units?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ComponentID | ManufacturerName | ProductNumber | Road | Category | ListPrice | QuantityOnHand |

1. Which inventory item represents the most money sitting on the shelf—based on estimated cost?

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ComponentID | ManufacturerName | ProductNumber | Category | Year | Value |

1. What is the greatest number of components ever installed in one day by one employee?

|  |  |  |  |
| --- | --- | --- | --- |
| EmployeeID | LastName | DateInstalled | CountOfComponentID |

1. What was the most popular letter style on race bikes in 2003?

|  |  |
| --- | --- |
| LetterStyleID | CountOfSerialNumber |

1. Which customer spent the most money with us and how many bicycles did that person buy in 2002?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CustomerID | LastName | FirstName | Number of Bikes | Amount Spent |

1. Have the sales of mountain bikes (full suspension or hard tail) increased or decreased from 2000 to 2004 (by count not by value)?

|  |  |
| --- | --- |
| SaleYear | CountOfSerialNumber |

1. Which component did the company spend the most money on in 2003?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ComponentID | ManufacturerName | ProductNumber | Category | Value |

1. Which employee painted the most red race bikes in May 2003?

|  |  |  |
| --- | --- | --- |
| EmployeeID | LastName | Number Painted |

1. Which California bike shop helped sell the most bikes (by value) in 2003?

|  |  |  |  |
| --- | --- | --- | --- |
| StoreID | StoreName | City | SumOfSalePrice |

1. What is the total weight of the components on bicycle 11356?

TotalWeight

1. What is the total list price of all items in the 2002 Campy Record groupo?

|  |  |
| --- | --- |
| GroupName | SumOfListPrice |

1. In 2003, were more race bikes built from carbon or titanium (based on the down tube)?

|  |  |
| --- | --- |
| Material | CountOfSerialNumber |

1. What is the average price paid for the 2001 Shimano XTR rear derailleurs?

AvgOfPricePaid

1. What is the average top tube length for a 54 cm (frame size) road bike built in 1999?

AvgOfTopTube

1. On average, which costs (list price) more: road tires or mountain bike tires?

|  |  |
| --- | --- |
| Road | AvgOfListPrice |

1. In May 2003, which employees sold road bikes that they also painted?

|  |  |
| --- | --- |
| EmployeeID | LastName |

1. In 2002, was the Old English letter style more popular with some paint jobs?

|  |  |  |
| --- | --- | --- |
| PaintID | ColorName | Number of Bikes Painted |

1. Which race bikes in 2003 sold for more than the average price of race bikes in 2002?

|  |  |  |  |
| --- | --- | --- | --- |
| SerialNumber | ModelType | OrderDate | SalePrice |

1. Which component that had no sales (installations) in 2004 has the highest inventory value (cost basis)?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ManufacturerName | ProductNumber | Category | Value | ComponentID |

1. Create a vendor contacts list of all manufacturers and retail stores in California.Include only the columns for VendorName and Phone. The retail stores should only include stores that participated in the sale of at least one bicycle in 2004

|  |  |
| --- | --- |
| Store Name Or Manufacturer Name | Phone |

1. List all of the employees who report to Venetiaan.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| LastName | EmployeeID | LastName | FirstName | Title |

1. List the components where the company purchased at least 25 percent more units than it used through June 30, 2000.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ComponentID | ManufacturerName | ProductNumber | Category | TotalReceived | TotalUsed | NetGain | NetPct | ListPrice |

1. In which years did the average build time for the year exceed the overall average build time for all years? The build time is the difference between order date and ship date.

|  |  |
| --- | --- |
| Year | BuildTime |