**Q1: List all students who scored above the average score.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name** | **Gender** | **Age** | **Score** | **Preferred Language** | **City** |
| **Aamir** | **Male** | **21** | **91** | **Python** | **Delhi** |
| **Sara** | **Female** | **22** | **89** | **Java** | **Mumbai** |
| **Zoya** | **Female** | **20** | **82** | **SQL** | **Delhi** |
| **Mubeen** | **Male** | **23** | **76** | **Python** | **Hyderabad** |

**Q2: Write an IF formula that labels scores below 40 as ‘Critical’.**

**=ARRAYFORMULA(IF(D2:D…<40,"Critical",""))**

**Q3: Filter students who prefer Python AND scored more than 60.**

**Apply filter: Preferred Language = Python AND Score > 60  
  
Answer: Aamir, Mubeen**

**Q4: Which gender has a higher average score?**

**=AVERAGEIF(B2:B9,"Male",D2:D9) =69.75**

**=AVERAGEIF(B2:B9,"Female",D2:D9) =64.25**

**Q5: How many unique cities are present in the dataset?**

**=UNIQUE(F2:F9)**

|  |
| --- |
| **Delhi** |
| **Mumbai** |
| **Hyderabad** |
| **Chennai** |

**Q6: Categorize scores: Low (<50), Medium (50–80), High (>80)**

=ARRAYFORMULA(IF(D2:D9<50,"Low",IF(D2:D9<=80,"Medium","High")))