



MISM 3115 Assignment 3: Global Bikes

Global Bikes is an international company that sells several types of bikes in three countries, the US, Australia, and Germany. The company currently sells bikes in five product categories. The company is interested in identifying its top selling products in each category and country and determining the best distribution channel for its products. To get started, review the data file with sales transactions by country and sales outlet and then create pivot tables and charts, and an interactive dashboard that summarizes the key sales trends for the company.

Instructions:

Part 1: Download the data file *bikesales_2018-2019.xlsx* and save the file. Be sure to [create a table for your data](#). Create three PivotTables and Charts to show the following information:

- a. Total Sales by Product Category and Country
- b. Total Sales by Year, Product Category and Product ([include drill down capabilities on your dashboard to the product level](#))
- c. Total Sales by Country and Distribution Channel

Part 2: Dashboard

On a separate worksheet labeled “Dashboard,” create an interactive dashboard showing the sales information for the company. Add a title and professional formatting to your dashboard and insert slicers so the data can be filtered by product category, distribution channel, and country. (see example on page 2). Please be creative with your dashboard and insert your own design elements (logo, colors, fonts, layout, etc.).

File Submission:

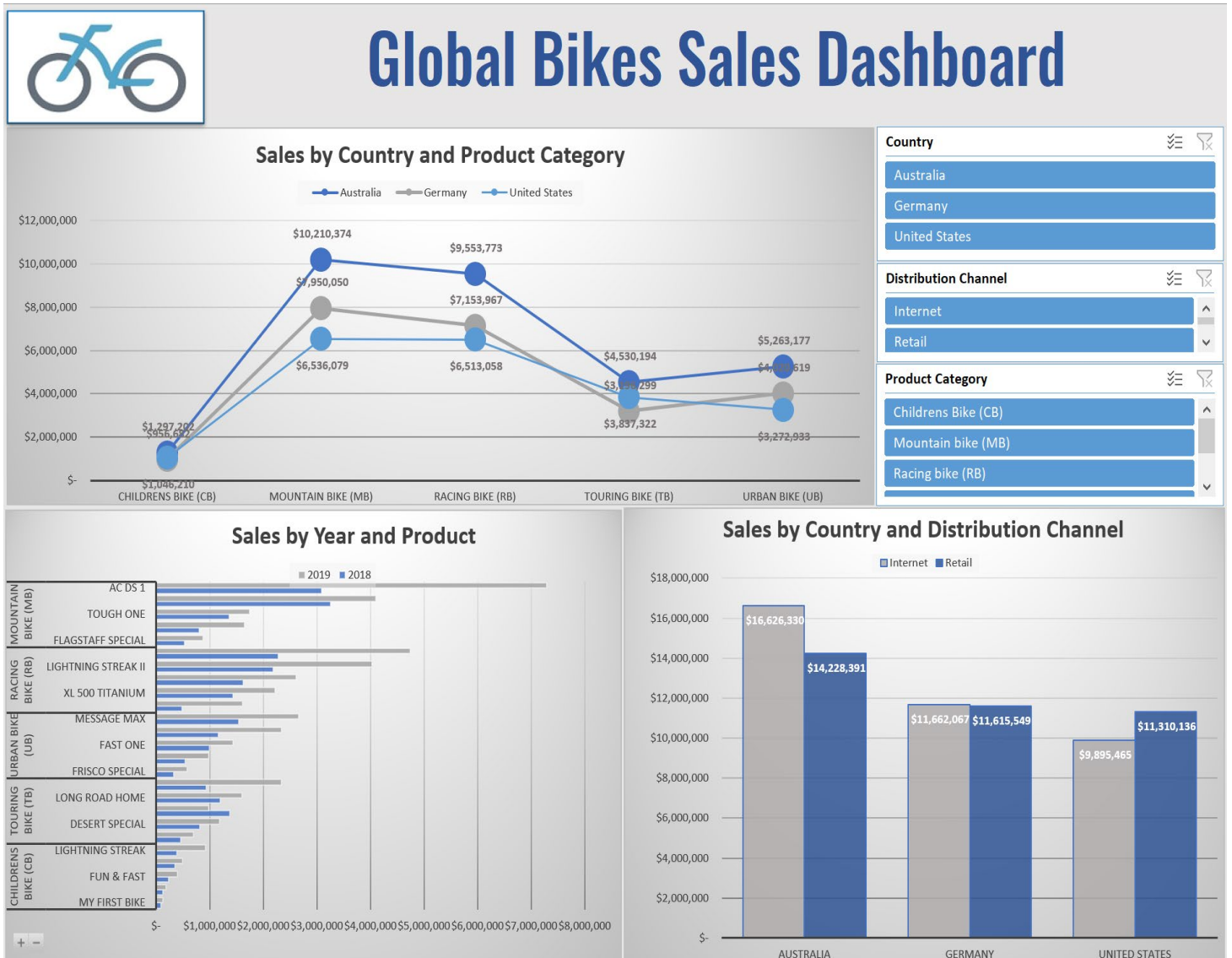
Upload a single Excel (.xlsx) data file with worksheet tabs clearly labeled (Data, Analysis, and Dashboard) to the Assignment folder in CougarVIEW and keep a copy of your completed work. Be sure to check all slicer connections to ensure your dashboard is interactive.

Note: This is an individual assignment and your submission must be your original work to receive credit.

Assignment Checklist

- ☐ (3) PivotTables and Charts correctly formatted (*number formats, chart titles, data sorted correctly, labels, etc.*)
- ☐ Interactive Dashboard with (3) charts, (3) slicers; Check the drilldown capability in your Sales by Product Category and Product chart.
- ☐ [Connect the Pivot tables to the Slicers](#)
- ☐ Company logo (optional). To add a logo (go to <https://www.logaster.com/> and create a design.

Sample Dashboard (note: your dashboard does not need to be identical to the example; you can create your own logo and use your own color palette and layout)



Additional Resource:

<https://plumsolutions.com.au/five-rules-for-building-impressive-excel-dashboards/>