

# MARK5826 Assignment 2 **TABLEAU Version 2 zid [2,4,6,8,0]**

Do version 1 if your ZID ends in [1,3,5,7,9]

Do version 2 if your ZID ends in [2,4,6,8,0]

**TABLEAU: 10 marks**

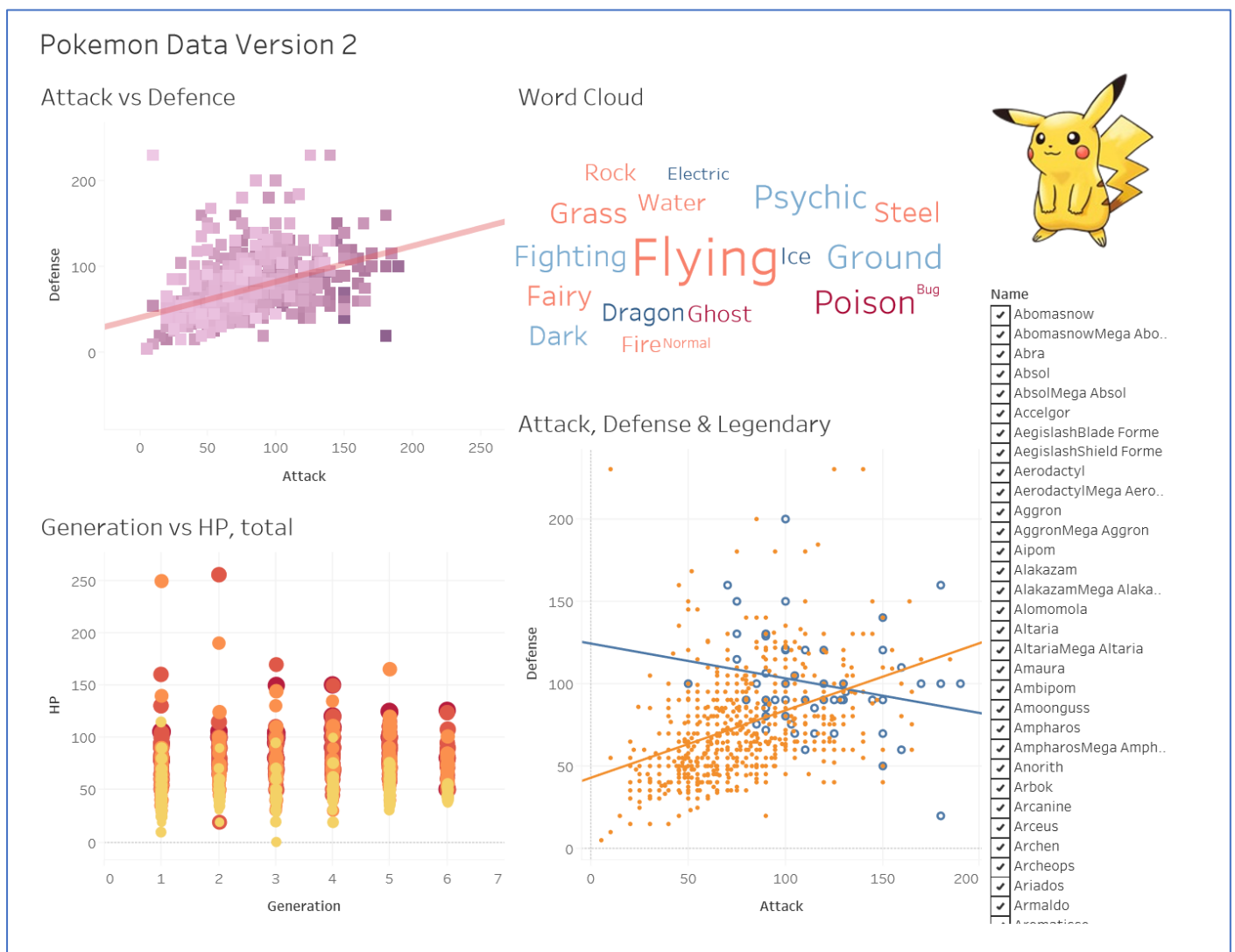
**PYTHON: 10 marks**

Your aim is 2 fold:

1. Create a Tableau Dashboard
2. Create a Python Model

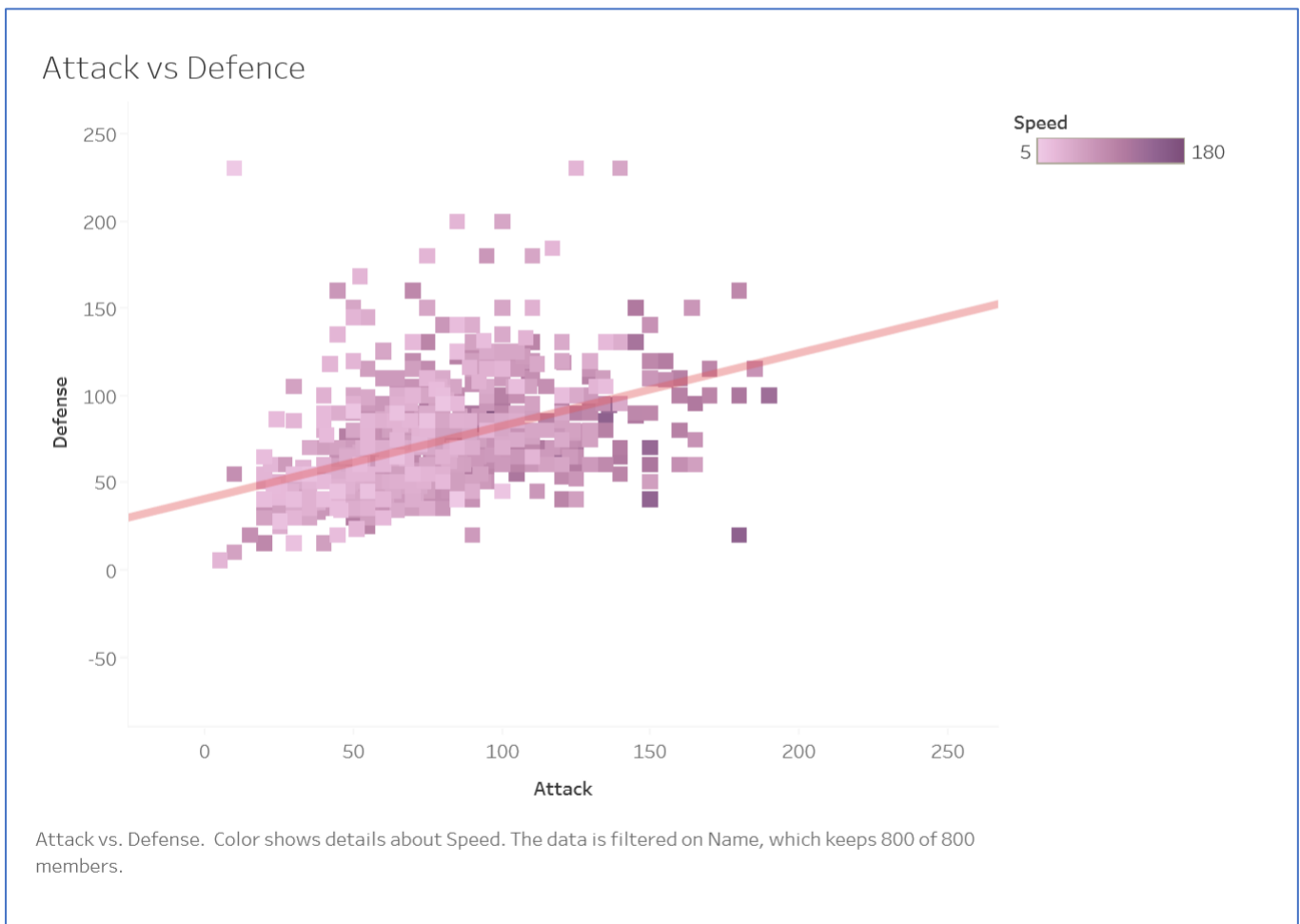
To: Analyse Pokemon Data @ <https://www.kaggle.com/alberthkcheng/pokemon/data>

FINAL TABLEAU OUTPUT:



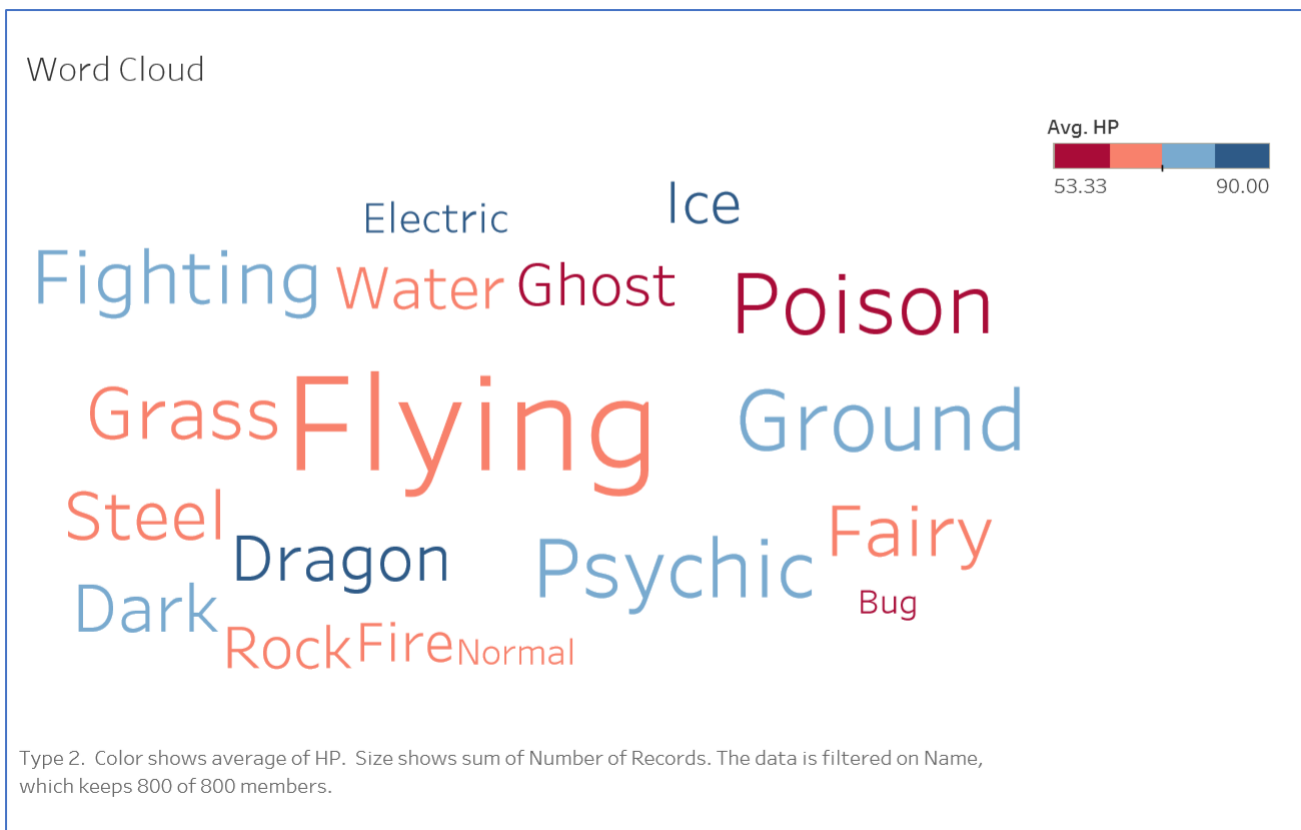
## 1. TABLEAU DASHBOARD INSTRUCTIONS

### ATTACK VS DEFENCE [2 marks]



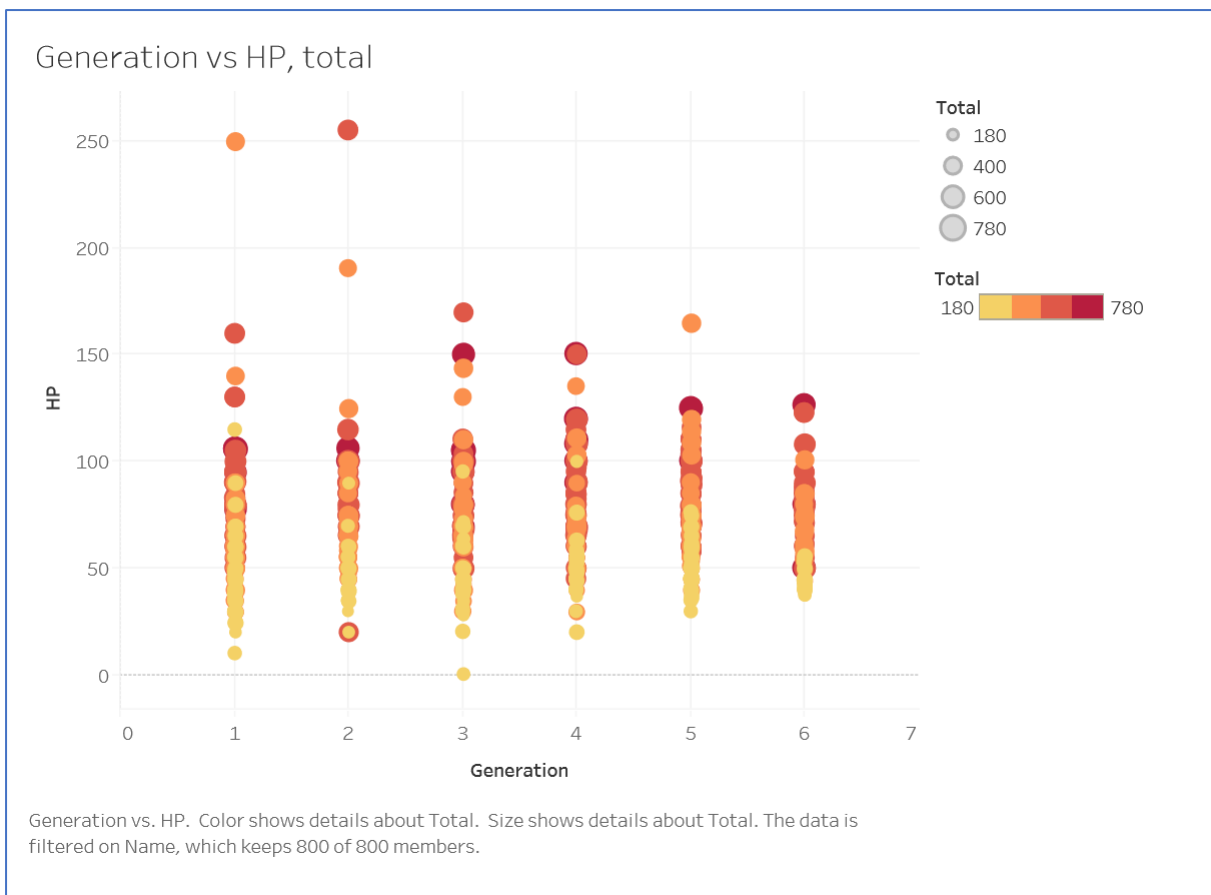
1. Plot Speed vs Attack and Defence, where Speed is the COLOUR.
2. Choose a PURPLE colour palette for SPEED
3. Create a LINEAR TREND using ANALYSIS, and change LINE COLOUR to RED, and increase it's SIZE
4. Change the WORKBOOK title to match
5. REMOVE all grid lines

## WORD CLOUD [2 marks]



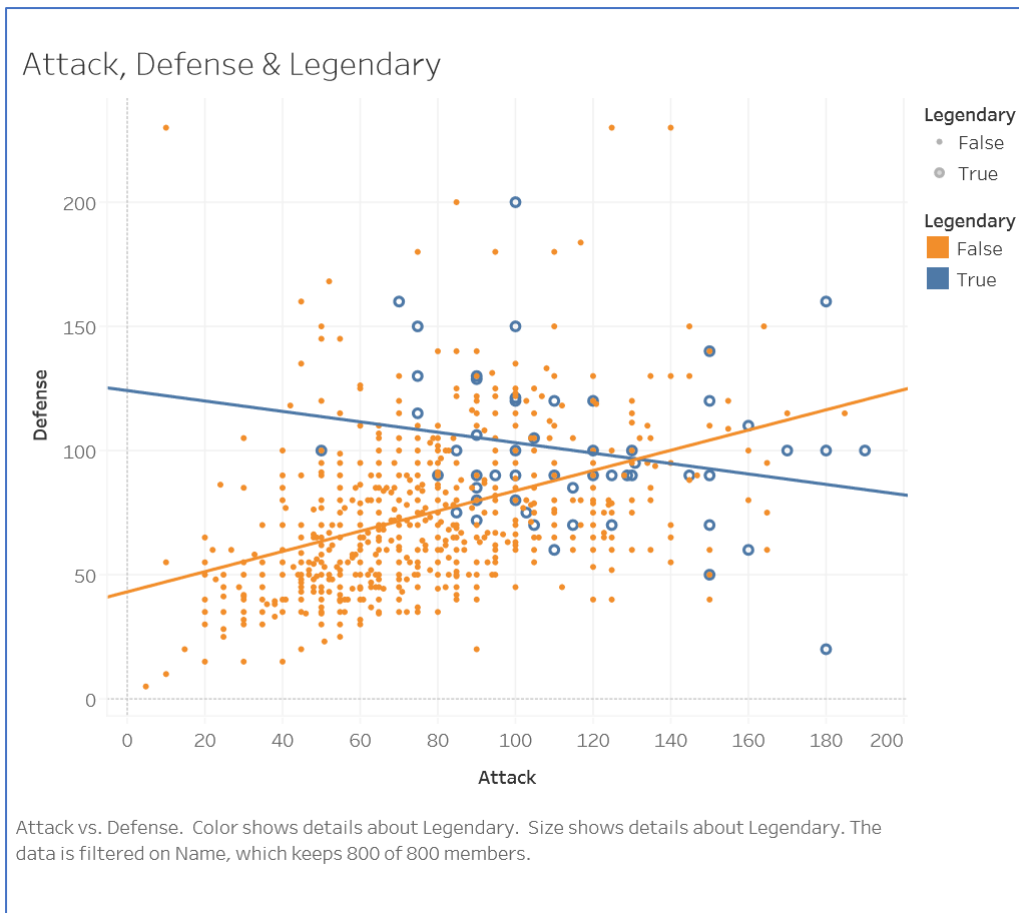
1. Create a word cloud using TYPE 2 (NOT TYPE 1)
2. Colour is AVERAGE(HP)
3. Colour palette is AVERAGE(HP) where 4 steps is chosen with RED-WHITE-BLUE DIVERGING
4. Create a FILTER by NAME for this page.

## GENERATION vs HP, TOTAL [2 marks]



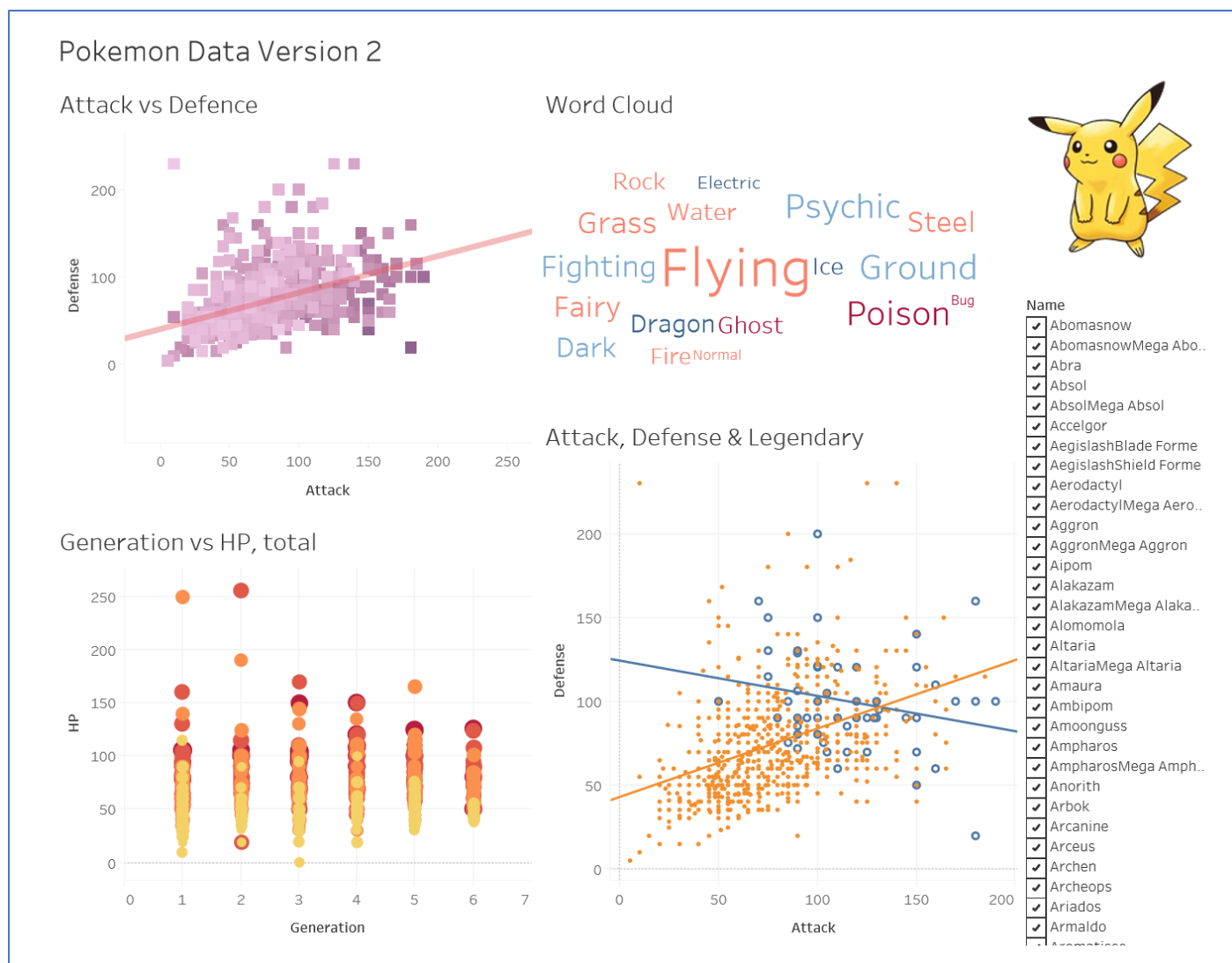
1. Create a GANTT chart with GENERATION, HP.
2. The colour is HP
3. The size is HP
4. Choose ENCLOSED CIRCLE as shape
5. Change SIZE to match top
6. Choose RED-GOLD palette with 4 steps

## ATTACK, DEFENSE vs LEGENDARY [2 marks]



1. Create a SCATTER plot, where ATTACK and DEFENSE is seen.
2. Colour is LEGENDARY and SIZE is legendary.
3. Note the SIZE for each legendary class is different.
4. Add a LINEAR TREND LINE
5. Change COLOUR to match legendary (Orange, Blue)

## DASHBOARD [2 marks]



1. Create a DASHBOARD with all 4 pieces, and place the FILTER for the WORD CLOUD on the right.
2. Place a PIKACHU picture @ <https://static.giantbomb.com/uploads/original/0/6087/2437349-pikachu.png>
3. NOTE THERE are NO LEGENDS. Must remove all legends.