



DATA REPRESENTATION



You have been given 2 sets of data below. The first set of data shows the weight of all current Miami Dolphins football players. The second set of data shows the temperature in Miami over the last 10 days.

Miami Dolphins' Weight

<u>Name</u>	<u>Weight</u>
Davis, Will	190
Finnegan, Cortland	190
Grimes, Brent	190
Sturgis, Caleb	190
Hartline, Brian	200
Taylor, Jamar	200
Wallace, Mike	200
Thomas, Michael	201
Landry, Jarvis	202
Seamster, Sammy	205
Wilson, Jimmy	205
Aikens, Walt	210
Delmas, Louis	210
Gibson, Brandon	210
Darkwa, Orleans	215
Matthews, Rishard	215
Moreno, Knowshon	218
Moore, Matt	220
Tannehill, Ryan	220
Williams, Damien	221
Miller, Lamar	224
Tripp, Jordan	240
Jenkins, Jelani	245
Wheeler, Philip	245
Hoskins, Harold	248
Fields, Brandon	249
McCain, Chris	250
Denney, John	252
Misi, Koa	252
Sheppard, Kelvin	252
Trusnik, Jason	252
Freeny, Jonathan	254

Miami Dolphins' Weight Continued

Clay, Charles	255
Sims, Dion	260
Wake, Cameron	262
Vernon, Olivier	268
Fede, Terrence	282
Shelby, Derrick	282
Satele, Samson	300
Odrick, Jared	302
Johnson, Anthony	304
Pouncey, Mike	305
Starks, Randy	305
Colledge, Daryn	308
Albert, Branden	310
Fox, Jason	310
Gaston, Bruce	310
Mitchell, Earl	310
Smith, Shelley	310
Turner, Billy	313
Thomas, Dallas	315
James, Ja'Wuan	318
Garner, Nate	320

Miami Temperature

<u>Day</u>	<u>Temperature</u>
1	89
2	89
3	91
4	92
5	92
6	92
7	93
8	93
9	94
10	92

1. For which set of data would it be more appropriate to use a dot plot? Explain your answer in complete sentences.
2. For which set of data would it be more appropriate to use a histogram? Explain your answer in complete sentences.
3. Create a dot plot and a histogram based on your answers to #1 and #2.

