

5.2 Exercises: CONSOLIDATED -heat maps, spatial charts, and contour charts

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Course: DSC640-T301 Data Presentation & Visualization (2223-1)

Heat Map- Power BI

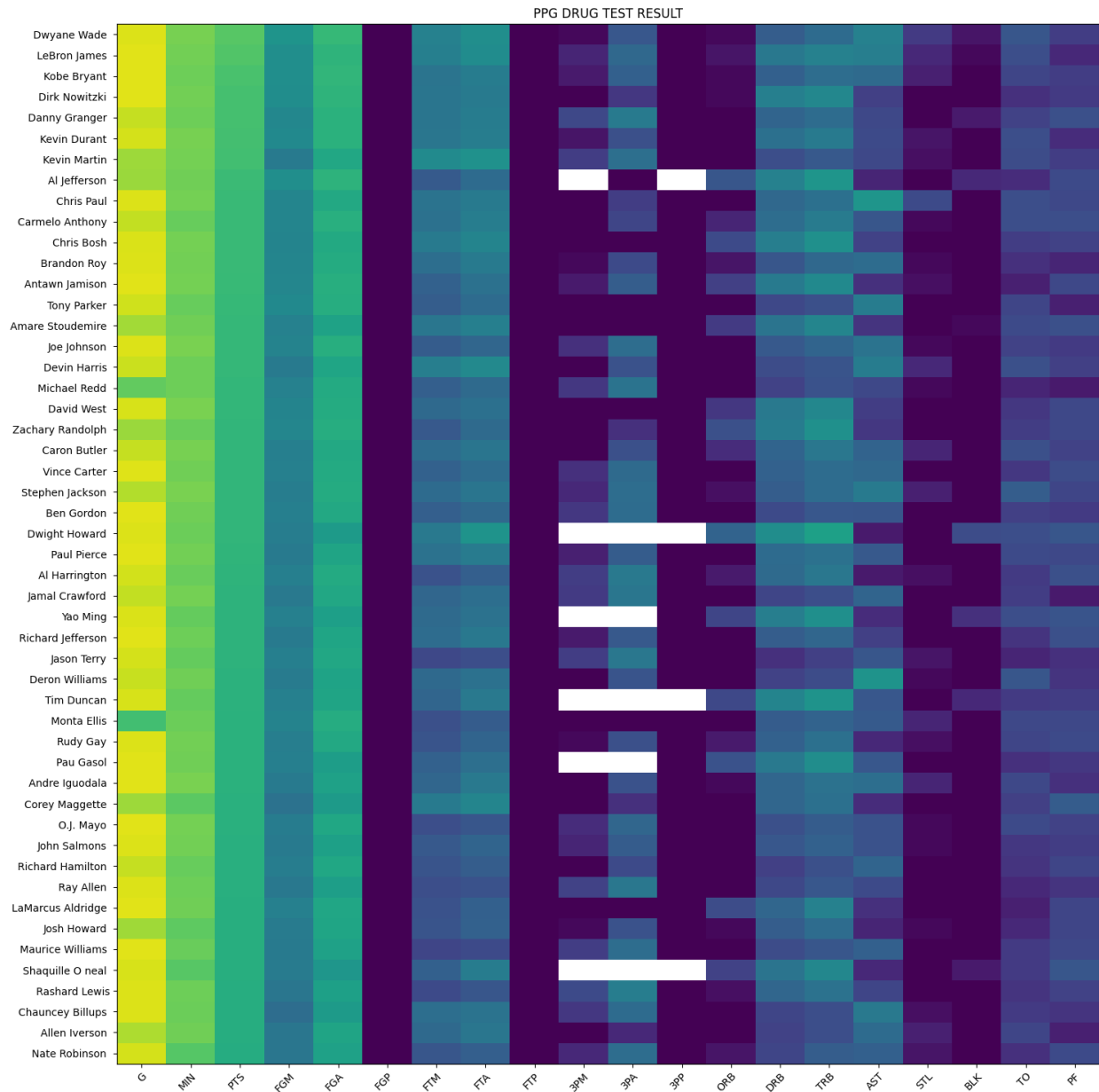
PPG DRUG TEST RESULT

| Name | 3PA | 3PM | 3PP | AST | BLK | DRB | FGA | FGM | FGP | FTA | FTM | FTP | G | MIN | ORB | PF | PTS | STL | TO | TRB |
|-------------------|------|------|------|-------|------|------|-------|-------|------|-------|------|------|----|-------|------|------|-------|------|------|-------|
| Al Harrington | 6.40 | 2.30 | 0.36 | 1.40 | 0.30 | 4.90 | 16.60 | 7.30 | 0.44 | 4.00 | 3.20 | 0.79 | 73 | 34.90 | 1.40 | 3.10 | 20.10 | 1.20 | 2.20 | 6.20 |
| Al Jefferson | 0.10 | 0.00 | 0.00 | 1.60 | 1.70 | 7.50 | 19.50 | 9.70 | 0.50 | 5.00 | 3.70 | 0.74 | 50 | 36.60 | 3.40 | 2.80 | 23.10 | 0.80 | 1.80 | 11.00 |
| Allen Iverson | 1.70 | 0.50 | 0.28 | 5.00 | 0.10 | 2.50 | 14.60 | 6.10 | 0.42 | 6.10 | 4.80 | 0.78 | 57 | 36.70 | 0.50 | 1.50 | 17.50 | 1.50 | 2.60 | 3.00 |
| Amare Stoudemire | 0.10 | 0.10 | 0.43 | 2.00 | 1.10 | 5.90 | 14.10 | 7.60 | 0.54 | 7.30 | 6.10 | 0.84 | 53 | 36.80 | 2.20 | 3.10 | 21.40 | 0.90 | 2.80 | 8.10 |
| Andre Iguodala | 3.20 | 1.00 | 0.31 | 5.30 | 0.40 | 4.60 | 14.00 | 6.60 | 0.47 | 6.40 | 4.60 | 0.72 | 82 | 39.80 | 1.10 | 1.90 | 18.80 | 1.60 | 2.70 | 5.70 |
| Antawn Jamison | 3.90 | 1.40 | 0.35 | 1.90 | 0.30 | 6.50 | 17.80 | 8.30 | 0.47 | 5.60 | 4.20 | 0.75 | 81 | 38.20 | 2.40 | 2.70 | 22.20 | 1.20 | 1.50 | 8.90 |
| Ben Gordon | 5.10 | 2.10 | 0.41 | 3.40 | 0.30 | 2.80 | 16.00 | 7.30 | 0.46 | 4.70 | 4.00 | 0.86 | 82 | 36.60 | 0.60 | 2.20 | 20.70 | 0.90 | 2.40 | 3.50 |
| Brandon Roy | 2.80 | 1.10 | 0.38 | 5.10 | 0.30 | 3.40 | 16.90 | 8.10 | 0.48 | 6.50 | 5.30 | 0.82 | 78 | 37.20 | 1.30 | 1.60 | 22.60 | 1.10 | 1.90 | 4.70 |
| Carmelo Anthony | 2.60 | 1.00 | 0.37 | 3.40 | 0.40 | 5.20 | 18.30 | 8.10 | 0.44 | 7.10 | 5.60 | 0.79 | 66 | 34.50 | 1.60 | 3.00 | 22.80 | 1.10 | 3.00 | 6.80 |
| Caron Butler | 3.10 | 1.00 | 0.31 | 4.30 | 0.30 | 4.40 | 16.20 | 7.30 | 0.45 | 6.00 | 5.10 | 0.86 | 67 | 38.60 | 1.80 | 2.50 | 20.80 | 1.60 | 3.10 | 6.20 |
| Chauncey Billups | 5.00 | 2.10 | 0.41 | 6.40 | 0.20 | 2.60 | 12.40 | 5.20 | 0.42 | 5.80 | 5.30 | 0.91 | 79 | 35.30 | 0.40 | 2.00 | 17.70 | 1.20 | 2.20 | 3.00 |
| Chris Bosh | 0.60 | 0.20 | 0.25 | 2.50 | 1.00 | 7.20 | 16.40 | 8.00 | 0.49 | 8.00 | 6.50 | 0.82 | 77 | 38.10 | 2.80 | 2.50 | 22.70 | 0.90 | 2.30 | 10.00 |
| Chris Paul | 2.30 | 0.80 | 0.36 | 11.00 | 0.10 | 4.70 | 16.10 | 8.10 | 0.50 | 6.70 | 5.80 | 0.87 | 78 | 38.50 | 0.90 | 2.70 | 22.80 | 2.80 | 3.00 | 5.50 |
| Corey Maggette | 1.90 | 0.50 | 0.25 | 1.80 | 0.20 | 4.60 | 12.40 | 5.70 | 0.46 | 8.10 | 6.70 | 0.82 | 51 | 31.10 | 1.00 | 3.80 | 18.60 | 0.90 | 2.40 | 5.50 |
| Danny Granger | 6.70 | 2.70 | 0.40 | 2.70 | 1.40 | 4.40 | 19.10 | 8.50 | 0.45 | 6.90 | 6.00 | 0.88 | 67 | 36.20 | 0.70 | 3.10 | 25.80 | 1.00 | 2.50 | 5.10 |
| David West | 0.30 | 0.10 | 0.24 | 2.30 | 0.90 | 6.40 | 17.00 | 8.00 | 0.47 | 5.50 | 4.80 | 0.88 | 76 | 39.30 | 2.10 | 2.70 | 21.00 | 0.60 | 2.10 | 8.50 |
| Deron Williams | 3.30 | 1.00 | 0.31 | 10.70 | 0.30 | 2.50 | 14.50 | 6.80 | 0.47 | 5.60 | 4.80 | 0.85 | 68 | 36.90 | 0.40 | 2.00 | 19.40 | 1.10 | 3.40 | 2.90 |
| Devin Harris | 3.20 | 0.90 | 0.29 | 6.90 | 0.20 | 2.90 | 15.10 | 6.60 | 0.44 | 8.80 | 7.20 | 0.82 | 69 | 36.10 | 0.40 | 2.40 | 21.30 | 1.70 | 3.10 | 3.30 |
| Dirk Nowitzki | 2.10 | 0.80 | 0.36 | 2.40 | 0.80 | 7.30 | 20.00 | 9.60 | 0.48 | 6.70 | 6.00 | 0.89 | 81 | 37.70 | 1.10 | 2.20 | 25.90 | 0.80 | 1.90 | 8.40 |
| Dwight Howard | 0.00 | 0.00 | 0.00 | 1.40 | 2.90 | 9.60 | 12.40 | 7.10 | 0.57 | 10.70 | 6.40 | 0.59 | 79 | 35.70 | 4.30 | 3.40 | 20.60 | 1.00 | 3.00 | 13.80 |
| Dwyane Wade | 3.50 | 1.10 | 0.32 | 7.50 | 1.30 | 3.90 | 22.00 | 10.80 | 0.49 | 9.80 | 7.50 | 0.77 | 79 | 38.60 | 1.10 | 2.30 | 30.20 | 2.20 | 3.40 | 5.00 |
| Jamal Crawford | 6.10 | 2.20 | 0.36 | 4.40 | 0.20 | 2.60 | 15.70 | 6.40 | 0.41 | 5.30 | 4.60 | 0.87 | 65 | 38.10 | 0.40 | 1.40 | 19.70 | 0.90 | 2.30 | 3.00 |
| Jason Terry | 6.20 | 2.30 | 0.37 | 3.40 | 0.30 | 1.90 | 15.80 | 7.30 | 0.46 | 3.00 | 2.70 | 0.88 | 74 | 33.60 | 0.50 | 1.90 | 19.60 | 1.30 | 1.60 | 2.40 |
| Joe Johnson | 5.20 | 1.90 | 0.36 | 5.80 | 0.20 | 3.60 | 18.00 | 7.80 | 0.44 | 4.60 | 3.80 | 0.83 | 79 | 39.50 | 0.80 | 2.20 | 21.40 | 1.10 | 2.50 | 4.40 |
| John Salmons | 3.80 | 1.60 | 0.42 | 3.20 | 0.30 | 3.50 | 13.80 | 6.50 | 0.47 | 4.40 | 3.60 | 0.83 | 79 | 37.50 | 0.70 | 2.30 | 18.30 | 1.10 | 2.10 | 4.20 |
| Josh Howard | 3.20 | 1.10 | 0.35 | 1.60 | 0.60 | 3.90 | 15.10 | 6.80 | 0.45 | 4.20 | 3.30 | 0.78 | 52 | 31.90 | 1.10 | 2.60 | 18.00 | 1.10 | 1.70 | 5.10 |
| Kevin Durant | 3.10 | 1.30 | 0.42 | 2.80 | 0.70 | 5.50 | 18.80 | 8.90 | 0.48 | 7.10 | 6.10 | 0.86 | 74 | 39.00 | 1.00 | 1.80 | 25.30 | 1.30 | 3.00 | 6.50 |
| Kevin Martin | 5.40 | 2.30 | 0.42 | 2.70 | 0.20 | 3.00 | 15.90 | 6.70 | 0.42 | 10.30 | 9.00 | 0.87 | 51 | 38.20 | 0.60 | 2.30 | 24.60 | 1.20 | 2.90 | 3.60 |
| Kobe Bryant | 4.10 | 1.40 | 0.35 | 4.90 | 0.50 | 4.10 | 20.90 | 9.80 | 0.47 | 6.90 | 5.90 | 0.86 | 82 | 36.20 | 1.10 | 2.30 | 26.80 | 1.50 | 2.60 | 5.20 |
| LaMarcus Aldridge | 0.30 | 0.10 | 0.25 | 1.90 | 1.00 | 4.60 | 15.30 | 7.40 | 0.48 | 4.10 | 3.20 | 0.78 | 81 | 37.10 | 2.90 | 2.60 | 18.10 | 1.00 | 1.50 | 7.50 |
| LaRon James | 4.70 | 1.60 | 0.34 | 7.30 | 1.10 | 6.30 | 19.90 | 9.70 | 0.49 | 9.40 | 7.30 | 0.79 | 81 | 37.70 | 1.30 | 1.70 | 28.40 | 1.70 | 3.00 | 7.60 |

Heat Map - Python

PPG DRUG TEST RESULT

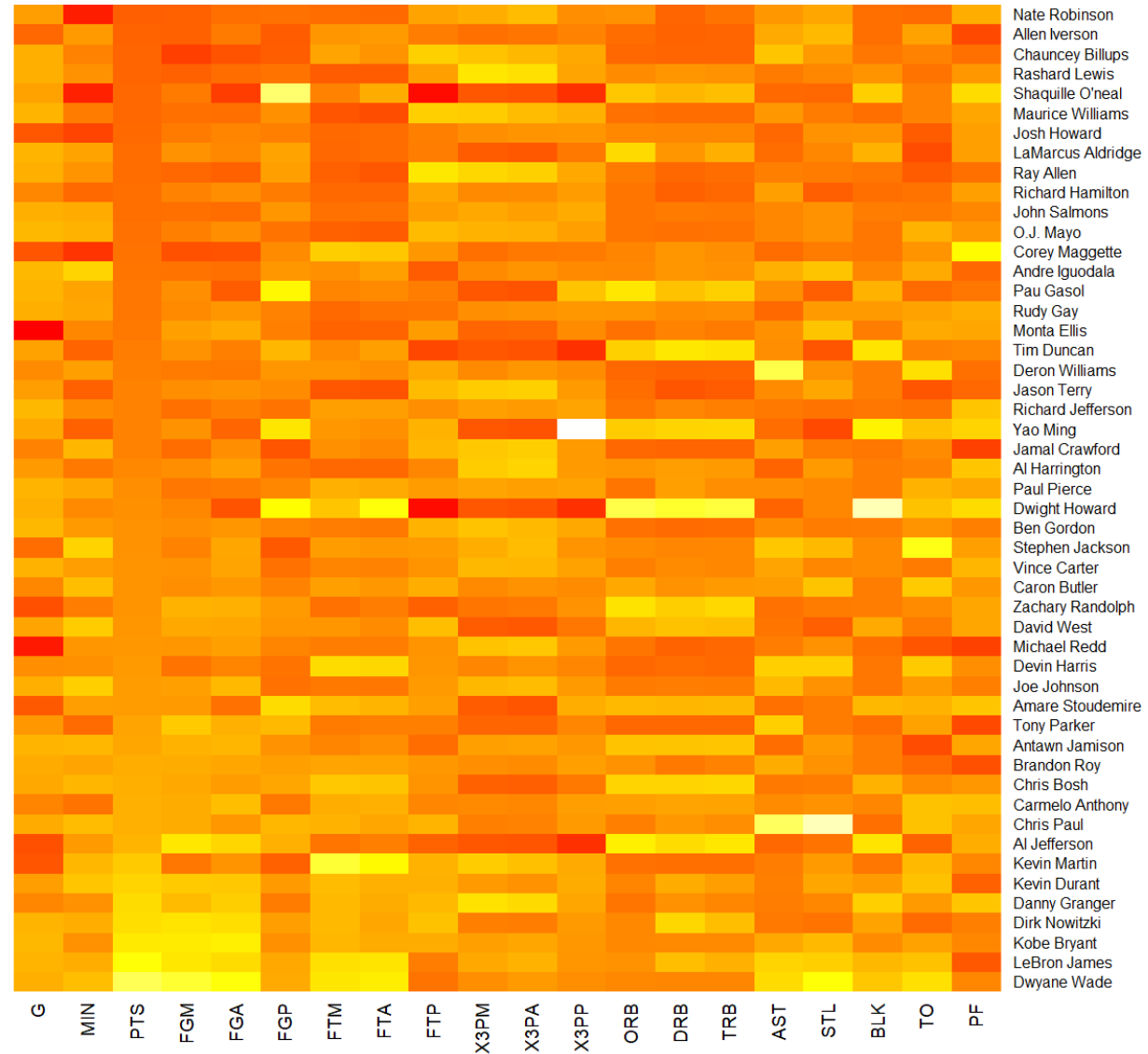
Name



PPG DRUG TEST RESULT

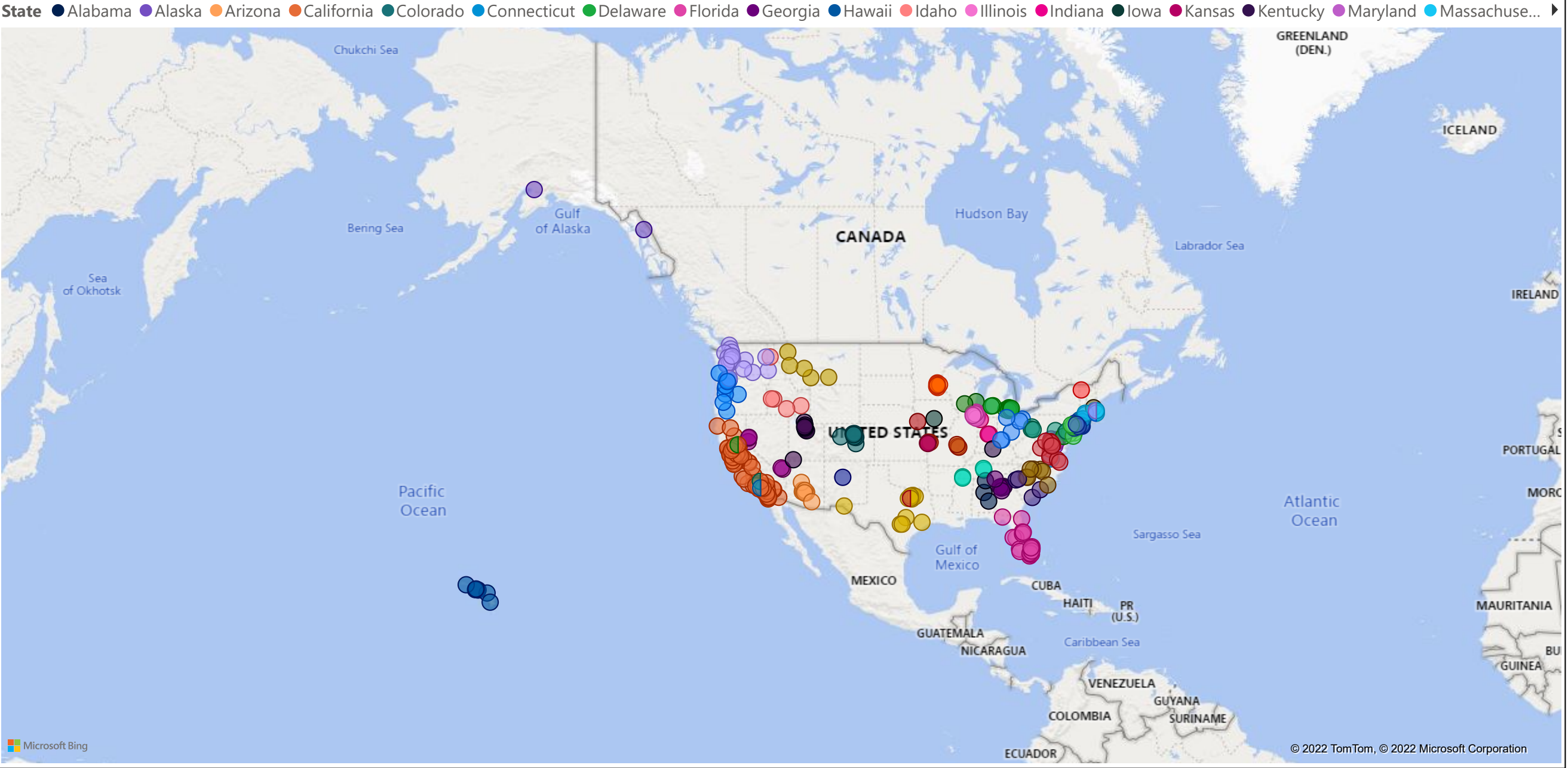
Name

PPG DRUG TEST RESULT



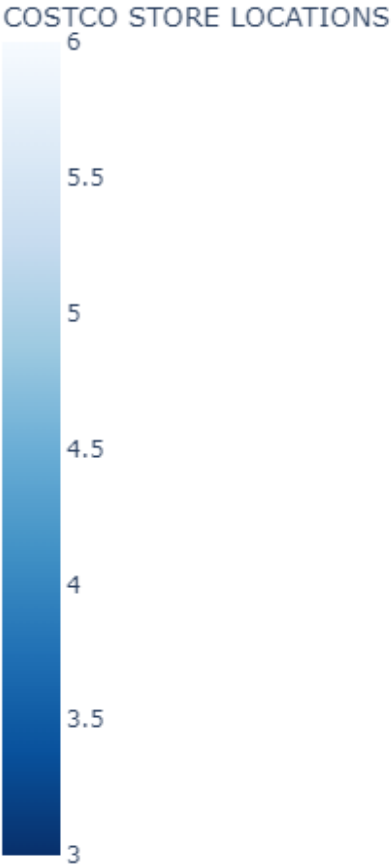
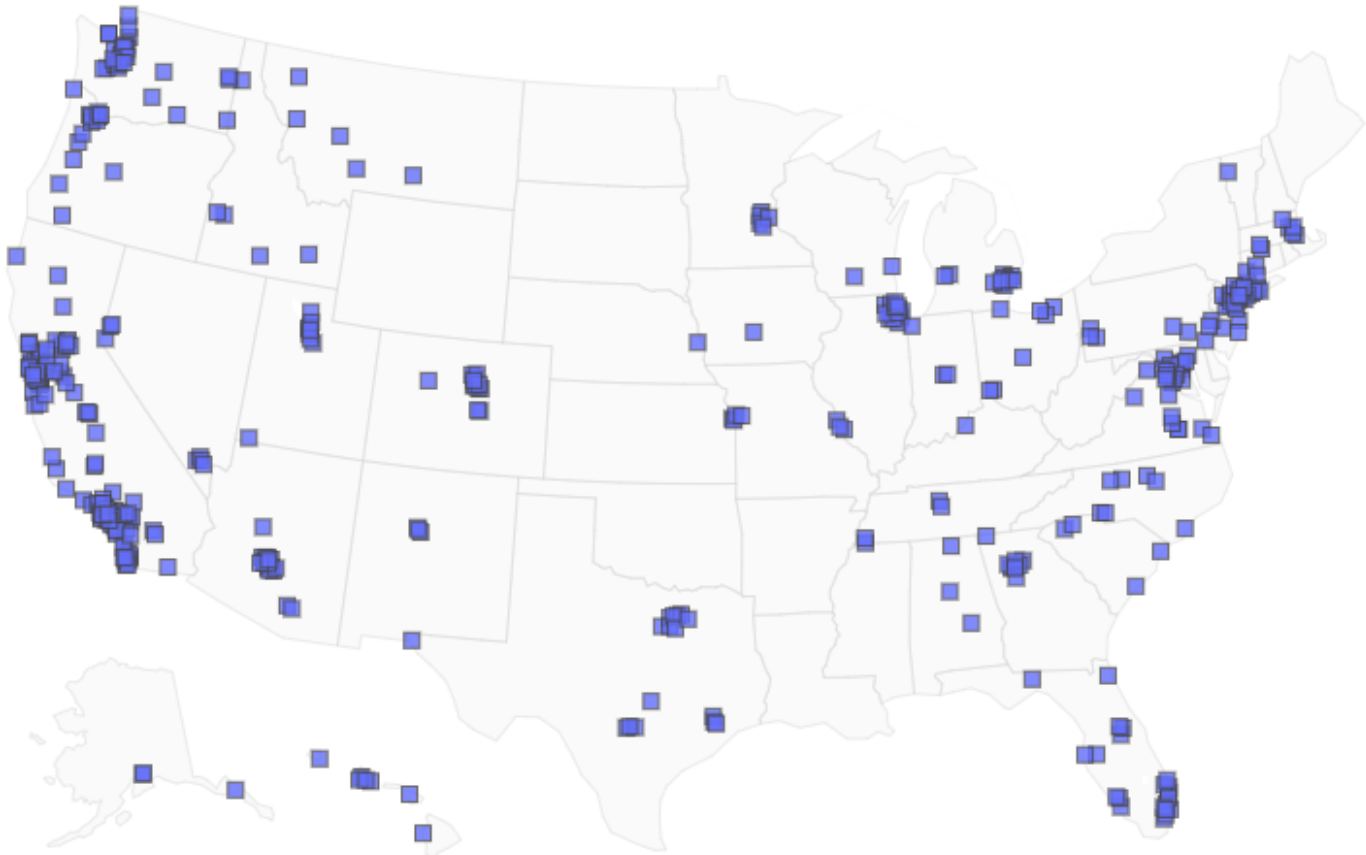
Spatial chart - Power BI

Average of Latitude,Longitude and First Address by City and State



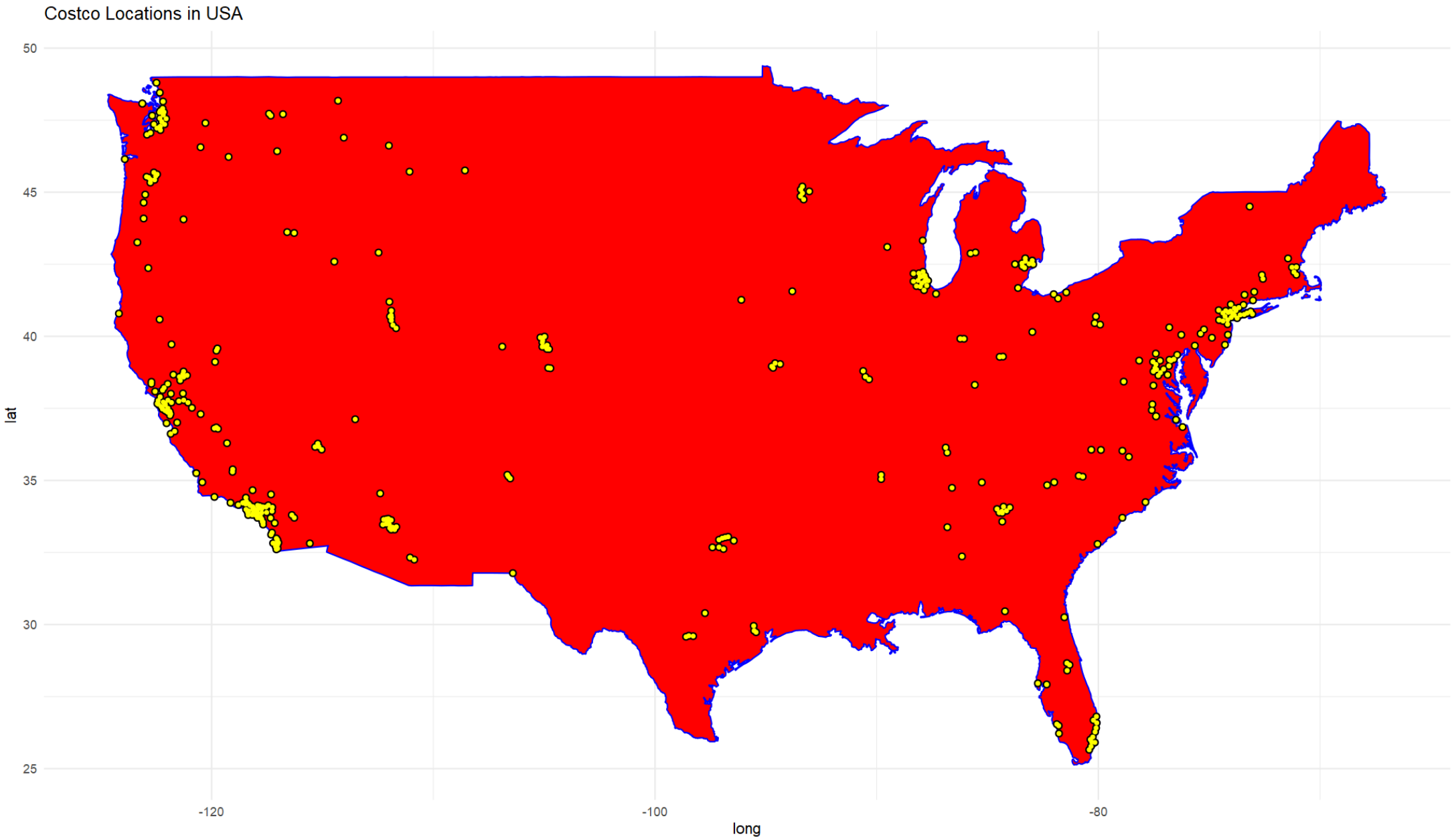
Spatial Chart Python

COSTCO STORE LOCATIONS
(Hover Location Address)



Spatial Chart - R Programming

Address



Funnel Chart - Power BI

