**ABSTRACT**

#### Diabetes is a chronic disease with the potential to cause a worldwide health care crisis. According to International Diabetes Federation 382 million people are living with diabetes across the whole world. By 2035, this will be doubled as 592 million. Diabetes is a disease caused due to the increase level of blood glucose. This high blood glucose produces the symptoms of frequent urination, increased thirst, and increased hunger. Diabetes is a one of the leading cause of blindness, kidney failure, amputations, heart failure and stroke. When we eat, our body turns food into sugars, or glucose. At that point, our pancreas is supposed to release insulin. Insulin serves as a key to open our cells, to allow the glucose to enter and allow us to use the glucose for energy. But with diabetes, this system does not work. Type 1 and type 2 diabetes are the most common forms of the disease, but there are also other kinds, such as gestational diabetes, which occurs during pregnancy, as well as other forms. Machine learning is an emerging scientific field in data science dealing with the ways in which machines learn from experience. The aim of this project is to develop a system which can perform early prediction of diabetes for a patient with a higher accuracy by combining the results of different machine learning techniques. The algorithms like K nearest neighbour, Logistic Regression, Random forest, Support vector machine and Decision tree are used. The accuracy of the model using each of the algorithms is calculated. Then the one with a good accuracy is taken as the model for predicting the diabetes.

**INTRODUCTION**

Diabetes is the fast growing disease among the people

even among the youngsters.

In understanding diabetes and how it develops, we

need to understand what happens in the body

without diabetes. Sugar (glucose) comes from the

foods that we eat, specifically carbohydrate foods.

Carbohydrate foods provide our body with its main

energy source everybody, even those people with

diabetes, needs carbohydrate. Carbohydrate foods

include bread, cereal, pasta, rice, fruit, dairy products

and vegetables (especially starchy vegetables). When

we eat these foods, the body breaks them down into glucose. The glucose moves around the body in the

bloodstream. Some of the glucose is taken to our

brain to help us think clearly and function. The

remainder of the glucose is taken to the cells of our

body for energy and also to our liver, where it is

stored as energy that is used later by the body. In

order for the body to use glucose for energy, insulin

is required. Insulin is a hormone that is produced by

the beta cells in the pancreas. Insulin works like a

key to a door. Insulin attaches itself to doors on the

cell, opening the door to allow glucose to move from

the blood stream, through the door, and into the cell.

If the pancreas is not able to produce enough insulin

(insulin deficiency) or if the body cannot use the

insulin it produces (insulin resistance), glucose builds

up in the bloodstream (hyperglycaemia) and diabetes

develops. Diabetes Mellitus means high levels of

sugar (glucose) in the blood stream and in the urine

**DATASET**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Pregnancies | Glucose | BloodPressure | SkinThickness | Insulin | BMI | DiabetesPedigreeFunction | Age | Outcome |
| 6 | 148 | 72 | 35 | 0 | 33.6 | 0.627 | 50 | 1 |
| 1 | 85 | 66 | 29 | 0 | 26.6 | 0.351 | 31 | 0 |
| 8 | 183 | 64 | 0 | 0 | 23.3 | 0.672 | 32 | 1 |
| 1 | 89 | 66 | 23 | 94 | 28.1 | 0.167 | 21 | 0 |
| 0 | 137 | 40 | 35 | 168 | 43.1 | 2.288 | 33 | 1 |
| 5 | 116 | 74 | 0 | 0 | 25.6 | 0.201 | 30 | 0 |
| 3 | 78 | 50 | 32 | 88 | 31 | 0.248 | 26 | 1 |
| 10 | 115 | 0 | 0 | 0 | 35.3 | 0.134 | 29 | 0 |
| 2 | 197 | 70 | 45 | 543 | 30.5 | 0.158 | 53 | 1 |
| 8 | 125 | 96 | 0 | 0 | 0 | 0.232 | 54 | 1 |
| 4 | 110 | 92 | 0 | 0 | 37.6 | 0.191 | 30 | 0 |
| 10 | 168 | 74 | 0 | 0 | 38 | 0.537 | 34 | 1 |
| 10 | 139 | 80 | 0 | 0 | 27.1 | 1.441 | 57 | 0 |
| 1 | 189 | 60 | 23 | 846 | 30.1 | 0.398 | 59 | 1 |
| 5 | 166 | 72 | 19 | 175 | 25.8 | 0.587 | 51 | 1 |
| 7 | 100 | 0 | 0 | 0 | 30 | 0.484 | 32 | 1 |
| 0 | 118 | 84 | 47 | 230 | 45.8 | 0.551 | 31 | 1 |
| 7 | 107 | 74 | 0 | 0 | 29.6 | 0.254 | 31 | 1 |
| 1 | 103 | 30 | 38 | 83 | 43.3 | 0.183 | 33 | 0 |
| 1 | 115 | 70 | 30 | 96 | 34.6 | 0.529 | 32 | 1 |
| 3 | 126 | 88 | 41 | 235 | 39.3 | 0.704 | 27 | 0 |
| 8 | 99 | 84 | 0 | 0 | 35.4 | 0.388 | 50 | 0 |
| 7 | 196 | 90 | 0 | 0 | 39.8 | 0.451 | 41 | 1 |
| 9 | 119 | 80 | 35 | 0 | 29 | 0.263 | 29 | 1 |
| 11 | 143 | 94 | 33 | 146 | 36.6 | 0.254 | 51 | 1 |
| 10 | 125 | 70 | 26 | 115 | 31.1 | 0.205 | 41 | 1 |
| 7 | 147 | 76 | 0 | 0 | 39.4 | 0.257 | 43 | 1 |
| 1 | 97 | 66 | 15 | 140 | 23.2 | 0.487 | 22 | 0 |
| 13 | 145 | 82 | 19 | 110 | 22.2 | 0.245 | 57 | 0 |
| 5 | 117 | 92 | 0 | 0 | 34.1 | 0.337 | 38 | 0 |
| 5 | 109 | 75 | 26 | 0 | 36 | 0.546 | 60 | 0 |
| 3 | 158 | 76 | 36 | 245 | 31.6 | 0.851 | 28 | 1 |
| 3 | 88 | 58 | 11 | 54 | 24.8 | 0.267 | 22 | 0 |
| 6 | 92 | 92 | 0 | 0 | 19.9 | 0.188 | 28 | 0 |
| 10 | 122 | 78 | 31 | 0 | 27.6 | 0.512 | 45 | 0 |
| 4 | 103 | 60 | 33 | 192 | 24 | 0.966 | 33 | 0 |
| 11 | 138 | 76 | 0 | 0 | 33.2 | 0.42 | 35 | 0 |
| 9 | 102 | 76 | 37 | 0 | 32.9 | 0.665 | 46 | 1 |
| 2 | 90 | 68 | 42 | 0 | 38.2 | 0.503 | 27 | 1 |
| 4 | 111 | 72 | 47 | 207 | 37.1 | 1.39 | 56 | 1 |
| 3 | 180 | 64 | 25 | 70 | 34 | 0.271 | 26 | 0 |
| 7 | 133 | 84 | 0 | 0 | 40.2 | 0.696 | 37 | 0 |
| 7 | 106 | 92 | 18 | 0 | 22.7 | 0.235 | 48 | 0 |
| 9 | 171 | 110 | 24 | 240 | 45.4 | 0.721 | 54 | 1 |
| 7 | 159 | 64 | 0 | 0 | 27.4 | 0.294 | 40 | 0 |
| 0 | 180 | 66 | 39 | 0 | 42 | 1.893 | 25 | 1 |
| 1 | 146 | 56 | 0 | 0 | 29.7 | 0.564 | 29 | 0 |
| 2 | 71 | 70 | 27 | 0 | 28 | 0.586 | 22 | 0 |
| 7 | 103 | 66 | 32 | 0 | 39.1 | 0.344 | 31 | 1 |
| 7 | 105 | 0 | 0 | 0 | 0 | 0.305 | 24 | 0 |
| 1 | 103 | 80 | 11 | 82 | 19.4 | 0.491 | 22 | 0 |
| 1 | 101 | 50 | 15 | 36 | 24.2 | 0.526 | 26 | 0 |
| 5 | 88 | 66 | 21 | 23 | 24.4 | 0.342 | 30 | 0 |
| 8 | 176 | 90 | 34 | 300 | 33.7 | 0.467 | 58 | 1 |
| 7 | 150 | 66 | 42 | 342 | 34.7 | 0.718 | 42 | 0 |
| 1 | 73 | 50 | 10 | 0 | 23 | 0.248 | 21 | 0 |
| 7 | 187 | 68 | 39 | 304 | 37.7 | 0.254 | 41 | 1 |
| 0 | 100 | 88 | 60 | 110 | 46.8 | 0.962 | 31 | 0 |
| 0 | 146 | 82 | 0 | 0 | 40.5 | 1.781 | 44 | 0 |
| 0 | 105 | 64 | 41 | 142 | 41.5 | 0.173 | 22 | 0 |
| 2 | 84 | 0 | 0 | 0 | 0 | 0.304 | 21 | 0 |
| 8 | 133 | 72 | 0 | 0 | 32.9 | 0.27 | 39 | 1 |
| 5 | 44 | 62 | 0 | 0 | 25 | 0.587 | 36 | 0 |
| 2 | 141 | 58 | 34 | 128 | 25.4 | 0.699 | 24 | 0 |
| 7 | 114 | 66 | 0 | 0 | 32.8 | 0.258 | 42 | 1 |
| 5 | 99 | 74 | 27 | 0 | 29 | 0.203 | 32 | 0 |
| 0 | 109 | 88 | 30 | 0 | 32.5 | 0.855 | 38 | 1 |
| 2 | 109 | 92 | 0 | 0 | 42.7 | 0.845 | 54 | 0 |
| 1 | 95 | 66 | 13 | 38 | 19.6 | 0.334 | 25 | 0 |
| 4 | 146 | 85 | 27 | 100 | 28.9 | 0.189 | 27 | 0 |
| 2 | 100 | 66 | 20 | 90 | 32.9 | 0.867 | 28 | 1 |
| 5 | 139 | 64 | 35 | 140 | 28.6 | 0.411 | 26 | 0 |
| 13 | 126 | 90 | 0 | 0 | 43.4 | 0.583 | 42 | 1 |
| 4 | 129 | 86 | 20 | 270 | 35.1 | 0.231 | 23 | 0 |
| 1 | 79 | 75 | 30 | 0 | 32 | 0.396 | 22 | 0 |
| 1 | 0 | 48 | 20 | 0 | 24.7 | 0.14 | 22 | 0 |
| 7 | 62 | 78 | 0 | 0 | 32.6 | 0.391 | 41 | 0 |
| 5 | 95 | 72 | 33 | 0 | 37.7 | 0.37 | 27 | 0 |
| 0 | 131 | 0 | 0 | 0 | 43.2 | 0.27 | 26 | 1 |
| 2 | 112 | 66 | 22 | 0 | 25 | 0.307 | 24 | 0 |
| 3 | 113 | 44 | 13 | 0 | 22.4 | 0.14 | 22 | 0 |
| 2 | 74 | 0 | 0 | 0 | 0 | 0.102 | 22 | 0 |
| 7 | 83 | 78 | 26 | 71 | 29.3 | 0.767 | 36 | 0 |
| 0 | 101 | 65 | 28 | 0 | 24.6 | 0.237 | 22 | 0 |
| 5 | 137 | 108 | 0 | 0 | 48.8 | 0.227 | 37 | 1 |
| 2 | 110 | 74 | 29 | 125 | 32.4 | 0.698 | 27 | 0 |
| 13 | 106 | 72 | 54 | 0 | 36.6 | 0.178 | 45 | 0 |
| 2 | 100 | 68 | 25 | 71 | 38.5 | 0.324 | 26 | 0 |
| 15 | 136 | 70 | 32 | 110 | 37.1 | 0.153 | 43 | 1 |
| 1 | 107 | 68 | 19 | 0 | 26.5 | 0.165 | 24 | 0 |
| 1 | 80 | 55 | 0 | 0 | 19.1 | 0.258 | 21 | 0 |
| 4 | 123 | 80 | 15 | 176 | 32 | 0.443 | 34 | 0 |
| 7 | 81 | 78 | 40 | 48 | 46.7 | 0.261 | 42 | 0 |
| 4 | 134 | 72 | 0 | 0 | 23.8 | 0.277 | 60 | 1 |
| 2 | 142 | 82 | 18 | 64 | 24.7 | 0.761 | 21 | 0 |
| 6 | 144 | 72 | 27 | 228 | 33.9 | 0.255 | 40 | 0 |
| 2 | 92 | 62 | 28 | 0 | 31.6 | 0.13 | 24 | 0 |
| 1 | 71 | 48 | 18 | 76 | 20.4 | 0.323 | 22 | 0 |
| 6 | 93 | 50 | 30 | 64 | 28.7 | 0.356 | 23 | 0 |
| 1 | 122 | 90 | 51 | 220 | 49.7 | 0.325 | 31 | 1 |
| 1 | 163 | 72 | 0 | 0 | 39 | 1.222 | 33 | 1 |
| 1 | 151 | 60 | 0 | 0 | 26.1 | 0.179 | 22 | 0 |
| 0 | 125 | 96 | 0 | 0 | 22.5 | 0.262 | 21 | 0 |
| 1 | 81 | 72 | 18 | 40 | 26.6 | 0.283 | 24 | 0 |
| 2 | 85 | 65 | 0 | 0 | 39.6 | 0.93 | 27 | 0 |
| 1 | 126 | 56 | 29 | 152 | 28.7 | 0.801 | 21 | 0 |
| 1 | 96 | 122 | 0 | 0 | 22.4 | 0.207 | 27 | 0 |
| 4 | 144 | 58 | 28 | 140 | 29.5 | 0.287 | 37 | 0 |
| 3 | 83 | 58 | 31 | 18 | 34.3 | 0.336 | 25 | 0 |
| 0 | 95 | 85 | 25 | 36 | 37.4 | 0.247 | 24 | 1 |
| 3 | 171 | 72 | 33 | 135 | 33.3 | 0.199 | 24 | 1 |
| 8 | 155 | 62 | 26 | 495 | 34 | 0.543 | 46 | 1 |
| 1 | 89 | 76 | 34 | 37 | 31.2 | 0.192 | 23 | 0 |
| 4 | 76 | 62 | 0 | 0 | 34 | 0.391 | 25 | 0 |
| 7 | 160 | 54 | 32 | 175 | 30.5 | 0.588 | 39 | 1 |
| 4 | 146 | 92 | 0 | 0 | 31.2 | 0.539 | 61 | 1 |
| 5 | 124 | 74 | 0 | 0 | 34 | 0.22 | 38 | 1 |
| 5 | 78 | 48 | 0 | 0 | 33.7 | 0.654 | 25 | 0 |
| 4 | 97 | 60 | 23 | 0 | 28.2 | 0.443 | 22 | 0 |
| 4 | 99 | 76 | 15 | 51 | 23.2 | 0.223 | 21 | 0 |
| 0 | 162 | 76 | 56 | 100 | 53.2 | 0.759 | 25 | 1 |
| 6 | 111 | 64 | 39 | 0 | 34.2 | 0.26 | 24 | 0 |
| 2 | 107 | 74 | 30 | 100 | 33.6 | 0.404 | 23 | 0 |
| 5 | 132 | 80 | 0 | 0 | 26.8 | 0.186 | 69 | 0 |
| 0 | 113 | 76 | 0 | 0 | 33.3 | 0.278 | 23 | 1 |
| 1 | 88 | 30 | 42 | 99 | 55 | 0.496 | 26 | 1 |
| 3 | 120 | 70 | 30 | 135 | 42.9 | 0.452 | 30 | 0 |
| 1 | 118 | 58 | 36 | 94 | 33.3 | 0.261 | 23 | 0 |
| 1 | 117 | 88 | 24 | 145 | 34.5 | 0.403 | 40 | 1 |
| 0 | 105 | 84 | 0 | 0 | 27.9 | 0.741 | 62 | 1 |
| 4 | 173 | 70 | 14 | 168 | 29.7 | 0.361 | 33 | 1 |
| 9 | 122 | 56 | 0 | 0 | 33.3 | 1.114 | 33 | 1 |
| 3 | 170 | 64 | 37 | 225 | 34.5 | 0.356 | 30 | 1 |
| 8 | 84 | 74 | 31 | 0 | 38.3 | 0.457 | 39 | 0 |
| 2 | 96 | 68 | 13 | 49 | 21.1 | 0.647 | 26 | 0 |
| 2 | 125 | 60 | 20 | 140 | 33.8 | 0.088 | 31 | 0 |
| 0 | 100 | 70 | 26 | 50 | 30.8 | 0.597 | 21 | 0 |
| 0 | 93 | 60 | 25 | 92 | 28.7 | 0.532 | 22 | 0 |
| 0 | 129 | 80 | 0 | 0 | 31.2 | 0.703 | 29 | 0 |
| 5 | 105 | 72 | 29 | 325 | 36.9 | 0.159 | 28 | 0 |
| 3 | 128 | 78 | 0 | 0 | 21.1 | 0.268 | 55 | 0 |
| 5 | 106 | 82 | 30 | 0 | 39.5 | 0.286 | 38 | 0 |
| 2 | 108 | 52 | 26 | 63 | 32.5 | 0.318 | 22 | 0 |
| 10 | 108 | 66 | 0 | 0 | 32.4 | 0.272 | 42 | 1 |
| 4 | 154 | 62 | 31 | 284 | 32.8 | 0.237 | 23 | 0 |
| 0 | 102 | 75 | 23 | 0 | 0 | 0.572 | 21 | 0 |
| 9 | 57 | 80 | 37 | 0 | 32.8 | 0.096 | 41 | 0 |
| 2 | 106 | 64 | 35 | 119 | 30.5 | 1.4 | 34 | 0 |
| 5 | 147 | 78 | 0 | 0 | 33.7 | 0.218 | 65 | 0 |
| 2 | 90 | 70 | 17 | 0 | 27.3 | 0.085 | 22 | 0 |
| 1 | 136 | 74 | 50 | 204 | 37.4 | 0.399 | 24 | 0 |
| 4 | 114 | 65 | 0 | 0 | 21.9 | 0.432 | 37 | 0 |
| 9 | 156 | 86 | 28 | 155 | 34.3 | 1.189 | 42 | 1 |
| 1 | 153 | 82 | 42 | 485 | 40.6 | 0.687 | 23 | 0 |
| 8 | 188 | 78 | 0 | 0 | 47.9 | 0.137 | 43 | 1 |
| 7 | 152 | 88 | 44 | 0 | 50 | 0.337 | 36 | 1 |
| 2 | 99 | 52 | 15 | 94 | 24.6 | 0.637 | 21 | 0 |
| 1 | 109 | 56 | 21 | 135 | 25.2 | 0.833 | 23 | 0 |
| 2 | 88 | 74 | 19 | 53 | 29 | 0.229 | 22 | 0 |
| 17 | 163 | 72 | 41 | 114 | 40.9 | 0.817 | 47 | 1 |
| 4 | 151 | 90 | 38 | 0 | 29.7 | 0.294 | 36 | 0 |
| 7 | 102 | 74 | 40 | 105 | 37.2 | 0.204 | 45 | 0 |
| 0 | 114 | 80 | 34 | 285 | 44.2 | 0.167 | 27 | 0 |
| 2 | 100 | 64 | 23 | 0 | 29.7 | 0.368 | 21 | 0 |
| 0 | 131 | 88 | 0 | 0 | 31.6 | 0.743 | 32 | 1 |
| 6 | 104 | 74 | 18 | 156 | 29.9 | 0.722 | 41 | 1 |
| 3 | 148 | 66 | 25 | 0 | 32.5 | 0.256 | 22 | 0 |
| 4 | 120 | 68 | 0 | 0 | 29.6 | 0.709 | 34 | 0 |
| 4 | 110 | 66 | 0 | 0 | 31.9 | 0.471 | 29 | 0 |
| 3 | 111 | 90 | 12 | 78 | 28.4 | 0.495 | 29 | 0 |
| 6 | 102 | 82 | 0 | 0 | 30.8 | 0.18 | 36 | 1 |
| 6 | 134 | 70 | 23 | 130 | 35.4 | 0.542 | 29 | 1 |
| 2 | 87 | 0 | 23 | 0 | 28.9 | 0.773 | 25 | 0 |
| 1 | 79 | 60 | 42 | 48 | 43.5 | 0.678 | 23 | 0 |
| 2 | 75 | 64 | 24 | 55 | 29.7 | 0.37 | 33 | 0 |
| 8 | 179 | 72 | 42 | 130 | 32.7 | 0.719 | 36 | 1 |
| 6 | 85 | 78 | 0 | 0 | 31.2 | 0.382 | 42 | 0 |
| 0 | 129 | 110 | 46 | 130 | 67.1 | 0.319 | 26 | 1 |
| 5 | 143 | 78 | 0 | 0 | 45 | 0.19 | 47 | 0 |
| 5 | 130 | 82 | 0 | 0 | 39.1 | 0.956 | 37 | 1 |
| 6 | 87 | 80 | 0 | 0 | 23.2 | 0.084 | 32 | 0 |
| 0 | 119 | 64 | 18 | 92 | 34.9 | 0.725 | 23 | 0 |
| 1 | 0 | 74 | 20 | 23 | 27.7 | 0.299 | 21 | 0 |
| 5 | 73 | 60 | 0 | 0 | 26.8 | 0.268 | 27 | 0 |
| 4 | 141 | 74 | 0 | 0 | 27.6 | 0.244 | 40 | 0 |
| 7 | 194 | 68 | 28 | 0 | 35.9 | 0.745 | 41 | 1 |
| 8 | 181 | 68 | 36 | 495 | 30.1 | 0.615 | 60 | 1 |
| 1 | 128 | 98 | 41 | 58 | 32 | 1.321 | 33 | 1 |
| 8 | 109 | 76 | 39 | 114 | 27.9 | 0.64 | 31 | 1 |
| 5 | 139 | 80 | 35 | 160 | 31.6 | 0.361 | 25 | 1 |
| 3 | 111 | 62 | 0 | 0 | 22.6 | 0.142 | 21 | 0 |
| 9 | 123 | 70 | 44 | 94 | 33.1 | 0.374 | 40 | 0 |
| 7 | 159 | 66 | 0 | 0 | 30.4 | 0.383 | 36 | 1 |
| 11 | 135 | 0 | 0 | 0 | 52.3 | 0.578 | 40 | 1 |
| 8 | 85 | 55 | 20 | 0 | 24.4 | 0.136 | 42 | 0 |
| 5 | 158 | 84 | 41 | 210 | 39.4 | 0.395 | 29 | 1 |
| 1 | 105 | 58 | 0 | 0 | 24.3 | 0.187 | 21 | 0 |
| 3 | 107 | 62 | 13 | 48 | 22.9 | 0.678 | 23 | 1 |
| 4 | 109 | 64 | 44 | 99 | 34.8 | 0.905 | 26 | 1 |
| 4 | 148 | 60 | 27 | 318 | 30.9 | 0.15 | 29 | 1 |
| 0 | 113 | 80 | 16 | 0 | 31 | 0.874 | 21 | 0 |
| 1 | 138 | 82 | 0 | 0 | 40.1 | 0.236 | 28 | 0 |
| 0 | 108 | 68 | 20 | 0 | 27.3 | 0.787 | 32 | 0 |
| 2 | 99 | 70 | 16 | 44 | 20.4 | 0.235 | 27 | 0 |
| 6 | 103 | 72 | 32 | 190 | 37.7 | 0.324 | 55 | 0 |
| 5 | 111 | 72 | 28 | 0 | 23.9 | 0.407 | 27 | 0 |
| 8 | 196 | 76 | 29 | 280 | 37.5 | 0.605 | 57 | 1 |
| 5 | 162 | 104 | 0 | 0 | 37.7 | 0.151 | 52 | 1 |
| 1 | 96 | 64 | 27 | 87 | 33.2 | 0.289 | 21 | 0 |
| 7 | 184 | 84 | 33 | 0 | 35.5 | 0.355 | 41 | 1 |
| 2 | 81 | 60 | 22 | 0 | 27.7 | 0.29 | 25 | 0 |
| 0 | 147 | 85 | 54 | 0 | 42.8 | 0.375 | 24 | 0 |
| 7 | 179 | 95 | 31 | 0 | 34.2 | 0.164 | 60 | 0 |
| 0 | 140 | 65 | 26 | 130 | 42.6 | 0.431 | 24 | 1 |
| 9 | 112 | 82 | 32 | 175 | 34.2 | 0.26 | 36 | 1 |
| 12 | 151 | 70 | 40 | 271 | 41.8 | 0.742 | 38 | 1 |
| 5 | 109 | 62 | 41 | 129 | 35.8 | 0.514 | 25 | 1 |
| 6 | 125 | 68 | 30 | 120 | 30 | 0.464 | 32 | 0 |
| 5 | 85 | 74 | 22 | 0 | 29 | 1.224 | 32 | 1 |
| 5 | 112 | 66 | 0 | 0 | 37.8 | 0.261 | 41 | 1 |
| 0 | 177 | 60 | 29 | 478 | 34.6 | 1.072 | 21 | 1 |
| 2 | 158 | 90 | 0 | 0 | 31.6 | 0.805 | 66 | 1 |
| 7 | 119 | 0 | 0 | 0 | 25.2 | 0.209 | 37 | 0 |
| 7 | 142 | 60 | 33 | 190 | 28.8 | 0.687 | 61 | 0 |
| 1 | 100 | 66 | 15 | 56 | 23.6 | 0.666 | 26 | 0 |
| 1 | 87 | 78 | 27 | 32 | 34.6 | 0.101 | 22 | 0 |
| 0 | 101 | 76 | 0 | 0 | 35.7 | 0.198 | 26 | 0 |
| 3 | 162 | 52 | 38 | 0 | 37.2 | 0.652 | 24 | 1 |
| 4 | 197 | 70 | 39 | 744 | 36.7 | 2.329 | 31 | 0 |
| 0 | 117 | 80 | 31 | 53 | 45.2 | 0.089 | 24 | 0 |
| 4 | 142 | 86 | 0 | 0 | 44 | 0.645 | 22 | 1 |
| 6 | 134 | 80 | 37 | 370 | 46.2 | 0.238 | 46 | 1 |
| 1 | 79 | 80 | 25 | 37 | 25.4 | 0.583 | 22 | 0 |
| 4 | 122 | 68 | 0 | 0 | 35 | 0.394 | 29 | 0 |
| 3 | 74 | 68 | 28 | 45 | 29.7 | 0.293 | 23 | 0 |
| 4 | 171 | 72 | 0 | 0 | 43.6 | 0.479 | 26 | 1 |
| 7 | 181 | 84 | 21 | 192 | 35.9 | 0.586 | 51 | 1 |
| 0 | 179 | 90 | 27 | 0 | 44.1 | 0.686 | 23 | 1 |
| 9 | 164 | 84 | 21 | 0 | 30.8 | 0.831 | 32 | 1 |
| 0 | 104 | 76 | 0 | 0 | 18.4 | 0.582 | 27 | 0 |
| 1 | 91 | 64 | 24 | 0 | 29.2 | 0.192 | 21 | 0 |
| 4 | 91 | 70 | 32 | 88 | 33.1 | 0.446 | 22 | 0 |
| 3 | 139 | 54 | 0 | 0 | 25.6 | 0.402 | 22 | 1 |
| 6 | 119 | 50 | 22 | 176 | 27.1 | 1.318 | 33 | 1 |
| 2 | 146 | 76 | 35 | 194 | 38.2 | 0.329 | 29 | 0 |
| 9 | 184 | 85 | 15 | 0 | 30 | 1.213 | 49 | 1 |
| 10 | 122 | 68 | 0 | 0 | 31.2 | 0.258 | 41 | 0 |
| 0 | 165 | 90 | 33 | 680 | 52.3 | 0.427 | 23 | 0 |
| 9 | 124 | 70 | 33 | 402 | 35.4 | 0.282 | 34 | 0 |
| 1 | 111 | 86 | 19 | 0 | 30.1 | 0.143 | 23 | 0 |
| 9 | 106 | 52 | 0 | 0 | 31.2 | 0.38 | 42 | 0 |
| 2 | 129 | 84 | 0 | 0 | 28 | 0.284 | 27 | 0 |
| 2 | 90 | 80 | 14 | 55 | 24.4 | 0.249 | 24 | 0 |
| 0 | 86 | 68 | 32 | 0 | 35.8 | 0.238 | 25 | 0 |
| 12 | 92 | 62 | 7 | 258 | 27.6 | 0.926 | 44 | 1 |
| 1 | 113 | 64 | 35 | 0 | 33.6 | 0.543 | 21 | 1 |
| 3 | 111 | 56 | 39 | 0 | 30.1 | 0.557 | 30 | 0 |
| 2 | 114 | 68 | 22 | 0 | 28.7 | 0.092 | 25 | 0 |
| 1 | 193 | 50 | 16 | 375 | 25.9 | 0.655 | 24 | 0 |
| 11 | 155 | 76 | 28 | 150 | 33.3 | 1.353 | 51 | 1 |
| 3 | 191 | 68 | 15 | 130 | 30.9 | 0.299 | 34 | 0 |
| 3 | 141 | 0 | 0 | 0 | 30 | 0.761 | 27 | 1 |
| 4 | 95 | 70 | 32 | 0 | 32.1 | 0.612 | 24 | 0 |
| 3 | 142 | 80 | 15 | 0 | 32.4 | 0.2 | 63 | 0 |
| 4 | 123 | 62 | 0 | 0 | 32 | 0.226 | 35 | 1 |
| 5 | 96 | 74 | 18 | 67 | 33.6 | 0.997 | 43 | 0 |
| 0 | 138 | 0 | 0 | 0 | 36.3 | 0.933 | 25 | 1 |
| 2 | 128 | 64 | 42 | 0 | 40 | 1.101 | 24 | 0 |
| 0 | 102 | 52 | 0 | 0 | 25.1 | 0.078 | 21 | 0 |
| 2 | 146 | 0 | 0 | 0 | 27.5 | 0.24 | 28 | 1 |
| 10 | 101 | 86 | 37 | 0 | 45.6 | 1.136 | 38 | 1 |
| 2 | 108 | 62 | 32 | 56 | 25.2 | 0.128 | 21 | 0 |
| 3 | 122 | 78 | 0 | 0 | 23 | 0.254 | 40 | 0 |
| 1 | 71 | 78 | 50 | 45 | 33.2 | 0.422 | 21 | 0 |
| 13 | 106 | 70 | 0 | 0 | 34.2 | 0.251 | 52 | 0 |
| 2 | 100 | 70 | 52 | 57 | 40.5 | 0.677 | 25 | 0 |
| 7 | 106 | 60 | 24 | 0 | 26.5 | 0.296 | 29 | 1 |
| 0 | 104 | 64 | 23 | 116 | 27.8 | 0.454 | 23 | 0 |
| 5 | 114 | 74 | 0 | 0 | 24.9 | 0.744 | 57 | 0 |
| 2 | 108 | 62 | 10 | 278 | 25.3 | 0.881 | 22 | 0 |
| 0 | 146 | 70 | 0 | 0 | 37.9 | 0.334 | 28 | 1 |
| 10 | 129 | 76 | 28 | 122 | 35.9 | 0.28 | 39 | 0 |
| 7 | 133 | 88 | 15 | 155 | 32.4 | 0.262 | 37 | 0 |
| 7 | 161 | 86 | 0 | 0 | 30.4 | 0.165 | 47 | 1 |
| 2 | 108 | 80 | 0 | 0 | 27 | 0.259 | 52 | 1 |
| 7 | 136 | 74 | 26 | 135 | 26 | 0.647 | 51 | 0 |
| 5 | 155 | 84 | 44 | 545 | 38.7 | 0.619 | 34 | 0 |
| 1 | 119 | 86 | 39 | 220 | 45.6 | 0.808 | 29 | 1 |
| 4 | 96 | 56 | 17 | 49 | 20.8 | 0.34 | 26 | 0 |
| 5 | 108 | 72 | 43 | 75 | 36.1 | 0.263 | 33 | 0 |
| 0 | 78 | 88 | 29 | 40 | 36.9 | 0.434 | 21 | 0 |
| 0 | 107 | 62 | 30 | 74 | 36.6 | 0.757 | 25 | 1 |
| 2 | 128 | 78 | 37 | 182 | 43.3 | 1.224 | 31 | 1 |
| 1 | 128 | 48 | 45 | 194 | 40.5 | 0.613 | 24 | 1 |
| 0 | 161 | 50 | 0 | 0 | 21.9 | 0.254 | 65 | 0 |
| 6 | 151 | 62 | 31 | 120 | 35.5 | 0.692 | 28 | 0 |
| 2 | 146 | 70 | 38 | 360 | 28 | 0.337 | 29 | 1 |
| 0 | 126 | 84 | 29 | 215 | 30.7 | 0.52 | 24 | 0 |
| 14 | 100 | 78 | 25 | 184 | 36.6 | 0.412 | 46 | 1 |
| 8 | 112 | 72 | 0 | 0 | 23.6 | 0.84 | 58 | 0 |
| 0 | 167 | 0 | 0 | 0 | 32.3 | 0.839 | 30 | 1 |
| 2 | 144 | 58 | 33 | 135 | 31.6 | 0.422 | 25 | 1 |
| 5 | 77 | 82 | 41 | 42 | 35.8 | 0.156 | 35 | 0 |
| 5 | 115 | 98 | 0 | 0 | 52.9 | 0.209 | 28 | 1 |
| 3 | 150 | 76 | 0 | 0 | 21 | 0.207 | 37 | 0 |
| 2 | 120 | 76 | 37 | 105 | 39.7 | 0.215 | 29 | 0 |
| 10 | 161 | 68 | 23 | 132 | 25.5 | 0.326 | 47 | 1 |
| 0 | 137 | 68 | 14 | 148 | 24.8 | 0.143 | 21 | 0 |
| 0 | 128 | 68 | 19 | 180 | 30.5 | 1.391 | 25 | 1 |
| 2 | 124 | 68 | 28 | 205 | 32.9 | 0.875 | 30 | 1 |
| 6 | 80 | 66 | 30 | 0 | 26.2 | 0.313 | 41 | 0 |
| 0 | 106 | 70 | 37 | 148 | 39.4 | 0.605 | 22 | 0 |
| 2 | 155 | 74 | 17 | 96 | 26.6 | 0.433 | 27 | 1 |
| 3 | 113 | 50 | 10 | 85 | 29.5 | 0.626 | 25 | 0 |
| 7 | 109 | 80 | 31 | 0 | 35.9 | 1.127 | 43 | 1 |
| 2 | 112 | 68 | 22 | 94 | 34.1 | 0.315 | 26 | 0 |
| 3 | 99 | 80 | 11 | 64 | 19.3 | 0.284 | 30 | 0 |
| 3 | 182 | 74 | 0 | 0 | 30.5 | 0.345 | 29 | 1 |
| 3 | 115 | 66 | 39 | 140 | 38.1 | 0.15 | 28 | 0 |
| 6 | 194 | 78 | 0 | 0 | 23.5 | 0.129 | 59 | 1 |
| 4 | 129 | 60 | 12 | 231 | 27.5 | 0.527 | 31 | 0 |
| 3 | 112 | 74 | 30 | 0 | 31.6 | 0.197 | 25 | 1 |
| 0 | 124 | 70 | 20 | 0 | 27.4 | 0.254 | 36 | 1 |
| 13 | 152 | 90 | 33 | 29 | 26.8 | 0.731 | 43 | 1 |
| 2 | 112 | 75 | 32 | 0 | 35.7 | 0.148 | 21 | 0 |
| 1 | 157 | 72 | 21 | 168 | 25.6 | 0.123 | 24 | 0 |
| 1 | 122 | 64 | 32 | 156 | 35.1 | 0.692 | 30 | 1 |
| 10 | 179 | 70 | 0 | 0 | 35.1 | 0.2 | 37 | 0 |
| 2 | 102 | 86 | 36 | 120 | 45.5 | 0.127 | 23 | 1 |
| 6 | 105 | 70 | 32 | 68 | 30.8 | 0.122 | 37 | 0 |
| 8 | 118 | 72 | 19 | 0 | 23.1 | 1.476 | 46 | 0 |
| 2 | 87 | 58 | 16 | 52 | 32.7 | 0.166 | 25 | 0 |
| 1 | 180 | 0 | 0 | 0 | 43.3 | 0.282 | 41 | 1 |
| 12 | 106 | 80 | 0 | 0 | 23.6 | 0.137 | 44 | 0 |
| 1 | 95 | 60 | 18 | 58 | 23.9 | 0.26 | 22 | 0 |
| 0 | 165 | 76 | 43 | 255 | 47.9 | 0.259 | 26 | 0 |
| 0 | 117 | 0 | 0 | 0 | 33.8 | 0.932 | 44 | 0 |
| 5 | 115 | 76 | 0 | 0 | 31.2 | 0.343 | 44 | 1 |
| 9 | 152 | 78 | 34 | 171 | 34.2 | 0.893 | 33 | 1 |
| 7 | 178 | 84 | 0 | 0 | 39.9 | 0.331 | 41 | 1 |
| 1 | 130 | 70 | 13 | 105 | 25.9 | 0.472 | 22 | 0 |
| 1 | 95 | 74 | 21 | 73 | 25.9 | 0.673 | 36 | 0 |
| 1 | 0 | 68 | 35 | 0 | 32 | 0.389 | 22 | 0 |
| 5 | 122 | 86 | 0 | 0 | 34.7 | 0.29 | 33 | 0 |
| 8 | 95 | 72 | 0 | 0 | 36.8 | 0.485 | 57 | 0 |
| 8 | 126 | 88 | 36 | 108 | 38.5 | 0.349 | 49 | 0 |
| 1 | 139 | 46 | 19 | 83 | 28.7 | 0.654 | 22 | 0 |
| 3 | 116 | 0 | 0 | 0 | 23.5 | 0.187 | 23 | 0 |
| 3 | 99 | 62 | 19 | 74 | 21.8 | 0.279 | 26 | 0 |
| 5 | 0 | 80 | 32 | 0 | 41 | 0.346 | 37 | 1 |
| 4 | 92 | 80 | 0 | 0 | 42.2 | 0.237 | 29 | 0 |
| 4 | 137 | 84 | 0 | 0 | 31.2 | 0.252 | 30 | 0 |
| 3 | 61 | 82 | 28 | 0 | 34.4 | 0.243 | 46 | 0 |
| 1 | 90 | 62 | 12 | 43 | 27.2 | 0.58 | 24 | 0 |
| 3 | 90 | 78 | 0 | 0 | 42.7 | 0.559 | 21 | 0 |
| 9 | 165 | 88 | 0 | 0 | 30.4 | 0.302 | 49 | 1 |
| 1 | 125 | 50 | 40 | 167 | 33.3 | 0.962 | 28 | 1 |
| 13 | 129 | 0 | 30 | 0 | 39.9 | 0.569 | 44 | 1 |
| 12 | 88 | 74 | 40 | 54 | 35.3 | 0.378 | 48 | 0 |
| 1 | 196 | 76 | 36 | 249 | 36.5 | 0.875 | 29 | 1 |
| 5 | 189 | 64 | 33 | 325 | 31.2 | 0.583 | 29 | 1 |
| 5 | 158 | 70 | 0 | 0 | 29.8 | 0.207 | 63 | 0 |
| 5 | 103 | 108 | 37 | 0 | 39.2 | 0.305 | 65 | 0 |
| 4 | 146 | 78 | 0 | 0 | 38.5 | 0.52 | 67 | 1 |
| 4 | 147 | 74 | 25 | 293 | 34.9 | 0.385 | 30 | 0 |
| 5 | 99 | 54 | 28 | 83 | 34 | 0.499 | 30 | 0 |
| 6 | 124 | 72 | 0 | 0 | 27.6 | 0.368 | 29 | 1 |
| 0 | 101 | 64 | 17 | 0 | 21 | 0.252 | 21 | 0 |
| 3 | 81 | 86 | 16 | 66 | 27.5 | 0.306 | 22 | 0 |
| 1 | 133 | 102 | 28 | 140 | 32.8 | 0.234 | 45 | 1 |
| 3 | 173 | 82 | 48 | 465 | 38.4 | 2.137 | 25 | 1 |
| 0 | 118 | 64 | 23 | 89 | 0 | 1.731 | 21 | 0 |
| 0 | 84 | 64 | 22 | 66 | 35.8 | 0.545 | 21 | 0 |
| 2 | 105 | 58 | 40 | 94 | 34.9 | 0.225 | 25 | 0 |
| 2 | 122 | 52 | 43 | 158 | 36.2 | 0.816 | 28 | 0 |
| 12 | 140 | 82 | 43 | 325 | 39.2 | 0.528 | 58 | 1 |
| 0 | 98 | 82 | 15 | 84 | 25.2 | 0.299 | 22 | 0 |
| 1 | 87 | 60 | 37 | 75 | 37.2 | 0.509 | 22 | 0 |
| 4 | 156 | 75 | 0 | 0 | 48.3 | 0.238 | 32 | 1 |
| 0 | 93 | 100 | 39 | 72 | 43.4 | 1.021 | 35 | 0 |
| 1 | 107 | 72 | 30 | 82 | 30.8 | 0.821 | 24 | 0 |
| 0 | 105 | 68 | 22 | 0 | 20 | 0.236 | 22 | 0 |
| 1 | 109 | 60 | 8 | 182 | 25.4 | 0.947 | 21 | 0 |
| 1 | 90 | 62 | 18 | 59 | 25.1 | 1.268 | 25 | 0 |
| 1 | 125 | 70 | 24 | 110 | 24.3 | 0.221 | 25 | 0 |
| 1 | 119 | 54 | 13 | 50 | 22.3 | 0.205 | 24 | 0 |
| 5 | 116 | 74 | 29 | 0 | 32.3 | 0.66 | 35 | 1 |
| 8 | 105 | 100 | 36 | 0 | 43.3 | 0.239 | 45 | 1 |
| 5 | 144 | 82 | 26 | 285 | 32 | 0.452 | 58 | 1 |
| 3 | 100 | 68 | 23 | 81 | 31.6 | 0.949 | 28 | 0 |
| 1 | 100 | 66 | 29 | 196 | 32 | 0.444 | 42 | 0 |
| 5 | 166 | 76 | 0 | 0 | 45.7 | 0.34 | 27 | 1 |
| 1 | 131 | 64 | 14 | 415 | 23.7 | 0.389 | 21 | 0 |
| 4 | 116 | 72 | 12 | 87 | 22.1 | 0.463 | 37 | 0 |
| 4 | 158 | 78 | 0 | 0 | 32.9 | 0.803 | 31 | 1 |
| 2 | 127 | 58 | 24 | 275 | 27.7 | 1.6 | 25 | 0 |
| 3 | 96 | 56 | 34 | 115 | 24.7 | 0.944 | 39 | 0 |
| 0 | 131 | 66 | 40 | 0 | 34.3 | 0.196 | 22 | 1 |
| 3 | 82 | 70 | 0 | 0 | 21.1 | 0.389 | 25 | 0 |
| 3 | 193 | 70 | 31 | 0 | 34.9 | 0.241 | 25 | 1 |
| 4 | 95 | 64 | 0 | 0 | 32 | 0.161 | 31 | 1 |
| 6 | 137 | 61 | 0 | 0 | 24.2 | 0.151 | 55 | 0 |
| 5 | 136 | 84 | 41 | 88 | 35 | 0.286 | 35 | 1 |
| 9 | 72 | 78 | 25 | 0 | 31.6 | 0.28 | 38 | 0 |
| 5 | 168 | 64 | 0 | 0 | 32.9 | 0.135 | 41 | 1 |
| 2 | 123 | 48 | 32 | 165 | 42.1 | 0.52 | 26 | 0 |
| 4 | 115 | 72 | 0 | 0 | 28.9 | 0.376 | 46 | 1 |
| 0 | 101 | 62 | 0 | 0 | 21.9 | 0.336 | 25 | 0 |
| 8 | 197 | 74 | 0 | 0 | 25.9 | 1.191 | 39 | 1 |
| 1 | 172 | 68 | 49 | 579 | 42.4 | 0.702 | 28 | 1 |
| 6 | 102 | 90 | 39 | 0 | 35.7 | 0.674 | 28 | 0 |
| 1 | 112 | 72 | 30 | 176 | 34.4 | 0.528 | 25 | 0 |
| 1 | 143 | 84 | 23 | 310 | 42.4 | 1.076 | 22 | 0 |
| 1 | 143 | 74 | 22 | 61 | 26.2 | 0.256 | 21 | 0 |
| 0 | 138 | 60 | 35 | 167 | 34.6 | 0.534 | 21 | 1 |
| 3 | 173 | 84 | 33 | 474 | 35.7 | 0.258 | 22 | 1 |
| 1 | 97 | 68 | 21 | 0 | 27.2 | 1.095 | 22 | 0 |
| 4 | 144 | 82 | 32 | 0 | 38.5 | 0.554 | 37 | 1 |
| 1 | 83 | 68 | 0 | 0 | 18.2 | 0.624 | 27 | 0 |
| 3 | 129 | 64 | 29 | 115 | 26.4 | 0.219 | 28 | 1 |
| 1 | 119 | 88 | 41 | 170 | 45.3 | 0.507 | 26 | 0 |
| 2 | 94 | 68 | 18 | 76 | 26 | 0.561 | 21 | 0 |
| 0 | 102 | 64 | 46 | 78 | 40.6 | 0.496 | 21 | 0 |
| 2 | 115 | 64 | 22 | 0 | 30.8 | 0.421 | 21 | 0 |
| 8 | 151 | 78 | 32 | 210 | 42.9 | 0.516 | 36 | 1 |
| 4 | 184 | 78 | 39 | 277 | 37 | 0.264 | 31 | 1 |
| 0 | 94 | 0 | 0 | 0 | 0 | 0.256 | 25 | 0 |
| 1 | 181 | 64 | 30 | 180 | 34.1 | 0.328 | 38 | 1 |
| 0 | 135 | 94 | 46 | 145 | 40.6 | 0.284 | 26 | 0 |
| 1 | 95 | 82 | 25 | 180 | 35 | 0.233 | 43 | 1 |
| 2 | 99 | 0 | 0 | 0 | 22.2 | 0.108 | 23 | 0 |
| 3 | 89 | 74 | 16 | 85 | 30.4 | 0.551 | 38 | 0 |
| 1 | 80 | 74 | 11 | 60 | 30 | 0.527 | 22 | 0 |
| 2 | 139 | 75 | 0 | 0 | 25.6 | 0.167 | 29 | 0 |
| 1 | 90 | 68 | 8 | 0 | 24.5 | 1.138 | 36 | 0 |
| 0 | 141 | 0 | 0 | 0 | 42.4 | 0.205 | 29 | 1 |
| 12 | 140 | 85 | 33 | 0 | 37.4 | 0.244 | 41 | 0 |
| 5 | 147 | 75 | 0 | 0 | 29.9 | 0.434 | 28 | 0 |
| 1 | 97 | 70 | 15 | 0 | 18.2 | 0.147 | 21 | 0 |
| 6 | 107 | 88 | 0 | 0 | 36.8 | 0.727 | 31 | 0 |
| 0 | 189 | 104 | 25 | 0 | 34.3 | 0.435 | 41 | 1 |
| 2 | 83 | 66 | 23 | 50 | 32.2 | 0.497 | 22 | 0 |
| 4 | 117 | 64 | 27 | 120 | 33.2 | 0.23 | 24 | 0 |
| 8 | 108 | 70 | 0 | 0 | 30.5 | 0.955 | 33 | 1 |
| 4 | 117 | 62 | 12 | 0 | 29.7 | 0.38 | 30 | 1 |
| 0 | 180 | 78 | 63 | 14 | 59.4 | 2.42 | 25 | 1 |
| 1 | 100 | 72 | 12 | 70 | 25.3 | 0.658 | 28 | 0 |
| 0 | 95 | 80 | 45 | 92 | 36.5 | 0.33 | 26 | 0 |
| 0 | 104 | 64 | 37 | 64 | 33.6 | 0.51 | 22 | 1 |
| 0 | 120 | 74 | 18 | 63 | 30.5 | 0.285 | 26 | 0 |
| 1 | 82 | 64 | 13 | 95 | 21.2 | 0.415 | 23 | 0 |
| 2 | 134 | 70 | 0 | 0 | 28.9 | 0.542 | 23 | 1 |
| 0 | 91 | 68 | 32 | 210 | 39.9 | 0.381 | 25 | 0 |
| 2 | 119 | 0 | 0 | 0 | 19.6 | 0.832 | 72 | 0 |
| 2 | 100 | 54 | 28 | 105 | 37.8 | 0.498 | 24 | 0 |
| 14 | 175 | 62 | 30 | 0 | 33.6 | 0.212 | 38 | 1 |
| 1 | 135 | 54 | 0 | 0 | 26.7 | 0.687 | 62 | 0 |
| 5 | 86 | 68 | 28 | 71 | 30.2 | 0.364 | 24 | 0 |
| 10 | 148 | 84 | 48 | 237 | 37.6 | 1.001 | 51 | 1 |
| 9 | 134 | 74 | 33 | 60 | 25.9 | 0.46 | 81 | 0 |
| 9 | 120 | 72 | 22 | 56 | 20.8 | 0.733 | 48 | 0 |
| 1 | 71 | 62 | 0 | 0 | 21.8 | 0.416 | 26 | 0 |
| 8 | 74 | 70 | 40 | 49 | 35.3 | 0.705 | 39 | 0 |
| 5 | 88 | 78 | 30 | 0 | 27.6 | 0.258 | 37 | 0 |
| 10 | 115 | 98 | 0 | 0 | 24 | 1.022 | 34 | 0 |
| 0 | 124 | 56 | 13 | 105 | 21.8 | 0.452 | 21 | 0 |
| 0 | 74 | 52 | 10 | 36 | 27.8 | 0.269 | 22 | 0 |
| 0 | 97 | 64 | 36 | 100 | 36.8 | 0.6 | 25 | 0 |
| 8 | 120 | 0 | 0 | 0 | 30 | 0.183 | 38 | 1 |
| 6 | 154 | 78 | 41 | 140 | 46.1 | 0.571 | 27 | 0 |
| 1 | 144 | 82 | 40 | 0 | 41.3 | 0.607 | 28 | 0 |
| 0 | 137 | 70 | 38 | 0 | 33.2 | 0.17 | 22 | 0 |
| 0 | 119 | 66 | 27 | 0 | 38.8 | 0.259 | 22 | 0 |
| 7 | 136 | 90 | 0 | 0 | 29.9 | 0.21 | 50 | 0 |
| 4 | 114 | 64 | 0 | 0 | 28.9 | 0.126 | 24 | 0 |
| 0 | 137 | 84 | 27 | 0 | 27.3 | 0.231 | 59 | 0 |
| 2 | 105 | 80 | 45 | 191 | 33.7 | 0.711 | 29 | 1 |
| 7 | 114 | 76 | 17 | 110 | 23.8 | 0.466 | 31 | 0 |
| 8 | 126 | 74 | 38 | 75 | 25.9 | 0.162 | 39 | 0 |
| 4 | 132 | 86 | 31 | 0 | 28 | 0.419 | 63 | 0 |
| 3 | 158 | 70 | 30 | 328 | 35.5 | 0.344 | 35 | 1 |
| 0 | 123 | 88 | 37 | 0 | 35.2 | 0.197 | 29 | 0 |
| 4 | 85 | 58 | 22 | 49 | 27.8 | 0.306 | 28 | 0 |
| 0 | 84 | 82 | 31 | 125 | 38.2 | 0.233 | 23 | 0 |
| 0 | 145 | 0 | 0 | 0 | 44.2 | 0.63 | 31 | 1 |
| 0 | 135 | 68 | 42 | 250 | 42.3 | 0.365 | 24 | 1 |
| 1 | 139 | 62 | 41 | 480 | 40.7 | 0.536 | 21 | 0 |
| 0 | 173 | 78 | 32 | 265 | 46.5 | 1.159 | 58 | 0 |
| 4 | 99 | 72 | 17 | 0 | 25.6 | 0.294 | 28 | 0 |
| 8 | 194 | 80 | 0 | 0 | 26.1 | 0.551 | 67 | 0 |
| 2 | 83 | 65 | 28 | 66 | 36.8 | 0.629 | 24 | 0 |
| 2 | 89 | 90 | 30 | 0 | 33.5 | 0.292 | 42 | 0 |
| 4 | 99 | 68 | 38 | 0 | 32.8 | 0.145 | 33 | 0 |
| 4 | 125 | 70 | 18 | 122 | 28.9 | 1.144 | 45 | 1 |
| 3 | 80 | 0 | 0 | 0 | 0 | 0.174 | 22 | 0 |
| 6 | 166 | 74 | 0 | 0 | 26.6 | 0.304 | 66 | 0 |
| 5 | 110 | 68 | 0 | 0 | 26 | 0.292 | 30 | 0 |
| 2 | 81 | 72 | 15 | 76 | 30.1 | 0.547 | 25 | 0 |
| 7 | 195 | 70 | 33 | 145 | 25.1 | 0.163 | 55 | 1 |
| 6 | 154 | 74 | 32 | 193 | 29.3 | 0.839 | 39 | 0 |
| 2 | 117 | 90 | 19 | 71 | 25.2 | 0.313 | 21 | 0 |
| 3 | 84 | 72 | 32 | 0 | 37.2 | 0.267 | 28 | 0 |
| 6 | 0 | 68 | 41 | 0 | 39 | 0.727 | 41 | 1 |
| 7 | 94 | 64 | 25 | 79 | 33.3 | 0.738 | 41 | 0 |
| 3 | 96 | 78 | 39 | 0 | 37.3 | 0.238 | 40 | 0 |
| 10 | 75 | 82 | 0 | 0 | 33.3 | 0.263 | 38 | 0 |
| 0 | 180 | 90 | 26 | 90 | 36.5 | 0.314 | 35 | 1 |
| 1 | 130 | 60 | 23 | 170 | 28.6 | 0.692 | 21 | 0 |
| 2 | 84 | 50 | 23 | 76 | 30.4 | 0.968 | 21 | 0 |
| 8 | 120 | 78 | 0 | 0 | 25 | 0.409 | 64 | 0 |
| 12 | 84 | 72 | 31 | 0 | 29.7 | 0.297 | 46 | 1 |
| 0 | 139 | 62 | 17 | 210 | 22.1 | 0.207 | 21 | 0 |
| 9 | 91 | 68 | 0 | 0 | 24.2 | 0.2 | 58 | 0 |
| 2 | 91 | 62 | 0 | 0 | 27.3 | 0.525 | 22 | 0 |
| 3 | 99 | 54 | 19 | 86 | 25.6 | 0.154 | 24 | 0 |
| 3 | 163 | 70 | 18 | 105 | 31.6 | 0.268 | 28 | 1 |
| 9 | 145 | 88 | 34 | 165 | 30.3 | 0.771 | 53 | 1 |
| 7 | 125 | 86 | 0 | 0 | 37.6 | 0.304 | 51 | 0 |
| 13 | 76 | 60 | 0 | 0 | 32.8 | 0.18 | 41 | 0 |
| 6 | 129 | 90 | 7 | 326 | 19.6 | 0.582 | 60 | 0 |
| 2 | 68 | 70 | 32 | 66 | 25 | 0.187 | 25 | 0 |
| 3 | 124 | 80 | 33 | 130 | 33.2 | 0.305 | 26 | 0 |
| 6 | 114 | 0 | 0 | 0 | 0 | 0.189 | 26 | 0 |
| 9 | 130 | 70 | 0 | 0 | 34.2 | 0.652 | 45 | 1 |
| 3 | 125 | 58 | 0 | 0 | 31.6 | 0.151 | 24 | 0 |
| 3 | 87 | 60 | 18 | 0 | 21.8 | 0.444 | 21 | 0 |
| 1 | 97 | 64 | 19 | 82 | 18.2 | 0.299 | 21 | 0 |
| 3 | 116 | 74 | 15 | 105 | 26.3 | 0.107 | 24 | 0 |
| 0 | 117 | 66 | 31 | 188 | 30.8 | 0.493 | 22 | 0 |
| 0 | 111 | 65 | 0 | 0 | 24.6 | 0.66 | 31 | 0 |
| 2 | 122 | 60 | 18 | 106 | 29.8 | 0.717 | 22 | 0 |
| 0 | 107 | 76 | 0 | 0 | 45.3 | 0.686 | 24 | 0 |
| 1 | 86 | 66 | 52 | 65 | 41.3 | 0.917 | 29 | 0 |
| 6 | 91 | 0 | 0 | 0 | 29.8 | 0.501 | 31 | 0 |
| 1 | 77 | 56 | 30 | 56 | 33.3 | 1.251 | 24 | 0 |
| 4 | 132 | 0 | 0 | 0 | 32.9 | 0.302 | 23 | 1 |
| 0 | 105 | 90 | 0 | 0 | 29.6 | 0.197 | 46 | 0 |
| 0 | 57 | 60 | 0 | 0 | 21.7 | 0.735 | 67 | 0 |
| 0 | 127 | 80 | 37 | 210 | 36.3 | 0.804 | 23 | 0 |
| 3 | 129 | 92 | 49 | 155 | 36.4 | 0.968 | 32 | 1 |
| 8 | 100 | 74 | 40 | 215 | 39.4 | 0.661 | 43 | 1 |
| 3 | 128 | 72 | 25 | 190 | 32.4 | 0.549 | 27 | 1 |
| 10 | 90 | 85 | 32 | 0 | 34.9 | 0.825 | 56 | 1 |
| 4 | 84 | 90 | 23 | 56 | 39.5 | 0.159 | 25 | 0 |
| 1 | 88 | 78 | 29 | 76 | 32 | 0.365 | 29 | 0 |
| 8 | 186 | 90 | 35 | 225 | 34.5 | 0.423 | 37 | 1 |
| 5 | 187 | 76 | 27 | 207 | 43.6 | 1.034 | 53 | 1 |
| 4 | 131 | 68 | 21 | 166 | 33.1 | 0.16 | 28 | 0 |
| 1 | 164 | 82 | 43 | 67 | 32.8 | 0.341 | 50 | 0 |
| 4 | 189 | 110 | 31 | 0 | 28.5 | 0.68 | 37 | 0 |
| 1 | 116 | 70 | 28 | 0 | 27.4 | 0.204 | 21 | 0 |
| 3 | 84 | 68 | 30 | 106 | 31.9 | 0.591 | 25 | 0 |
| 6 | 114 | 88 | 0 | 0 | 27.8 | 0.247 | 66 | 0 |
| 1 | 88 | 62 | 24 | 44 | 29.9 | 0.422 | 23 | 0 |
| 1 | 84 | 64 | 23 | 115 | 36.9 | 0.471 | 28 | 0 |
| 7 | 124 | 70 | 33 | 215 | 25.5 | 0.161 | 37 | 0 |
| 1 | 97 | 70 | 40 | 0 | 38.1 | 0.218 | 30 | 0 |
| 8 | 110 | 76 | 0 | 0 | 27.8 | 0.237 | 58 | 0 |
| 11 | 103 | 68 | 40 | 0 | 46.2 | 0.126 | 42 | 0 |
| 11 | 85 | 74 | 0 | 0 | 30.1 | 0.3 | 35 | 0 |
| 6 | 125 | 76 | 0 | 0 | 33.8 | 0.121 | 54 | 1 |
| 0 | 198 | 66 | 32 | 274 | 41.3 | 0.502 | 28 | 1 |
| 1 | 87 | 68 | 34 | 77 | 37.6 | 0.401 | 24 | 0 |
| 6 | 99 | 60 | 19 | 54 | 26.9 | 0.497 | 32 | 0 |
| 0 | 91 | 80 | 0 | 0 | 32.4 | 0.601 | 27 | 0 |
| 2 | 95 | 54 | 14 | 88 | 26.1 | 0.748 | 22 | 0 |
| 1 | 99 | 72 | 30 | 18 | 38.6 | 0.412 | 21 | 0 |
| 6 | 92 | 62 | 32 | 126 | 32 | 0.085 | 46 | 0 |
| 4 | 154 | 72 | 29 | 126 | 31.3 | 0.338 | 37 | 0 |
| 0 | 121 | 66 | 30 | 165 | 34.3 | 0.203 | 33 | 1 |
| 3 | 78 | 70 | 0 | 0 | 32.5 | 0.27 | 39 | 0 |
| 2 | 130 | 96 | 0 | 0 | 22.6 | 0.268 | 21 | 0 |
| 3 | 111 | 58 | 31 | 44 | 29.5 | 0.43 | 22 | 0 |
| 2 | 98 | 60 | 17 | 120 | 34.7 | 0.198 | 22 | 0 |
| 1 | 143 | 86 | 30 | 330 | 30.1 | 0.892 | 23 | 0 |
| 1 | 119 | 44 | 47 | 63 | 35.5 | 0.28 | 25 | 0 |
| 6 | 108 | 44 | 20 | 130 | 24 | 0.813 | 35 | 0 |
| 2 | 118 | 80 | 0 | 0 | 42.9 | 0.693 | 21 | 1 |
| 10 | 133 | 68 | 0 | 0 | 27 | 0.245 | 36 | 0 |
| 2 | 197 | 70 | 99 | 0 | 34.7 | 0.575 | 62 | 1 |
| 0 | 151 | 90 | 46 | 0 | 42.1 | 0.371 | 21 | 1 |
| 6 | 109 | 60 | 27 | 0 | 25 | 0.206 | 27 | 0 |
| 12 | 121 | 78 | 17 | 0 | 26.5 | 0.259 | 62 | 0 |
| 8 | 100 | 76 | 0 | 0 | 38.7 | 0.19 | 42 | 0 |
| 8 | 124 | 76 | 24 | 600 | 28.7 | 0.687 | 52 | 1 |
| 1 | 93 | 56 | 11 | 0 | 22.5 | 0.417 | 22 | 0 |
| 8 | 143 | 66 | 0 | 0 | 34.9 | 0.129 | 41 | 1 |
| 6 | 103 | 66 | 0 | 0 | 24.3 | 0.249 | 29 | 0 |
| 3 | 176 | 86 | 27 | 156 | 33.3 | 1.154 | 52 | 1 |
| 0 | 73 | 0 | 0 | 0 | 21.1 | 0.342 | 25 | 0 |
| 11 | 111 | 84 | 40 | 0 | 46.8 | 0.925 | 45 | 1 |
| 2 | 112 | 78 | 50 | 140 | 39.4 | 0.175 | 24 | 0 |
| 3 | 132 | 80 | 0 | 0 | 34.4 | 0.402 | 44 | 1 |
| 2 | 82 | 52 | 22 | 115 | 28.5 | 1.699 | 25 | 0 |
| 6 | 123 | 72 | 45 | 230 | 33.6 | 0.733 | 34 | 0 |
| 0 | 188 | 82 | 14 | 185 | 32 | 0.682 | 22 | 1 |
| 0 | 67 | 76 | 0 | 0 | 45.3 | 0.194 | 46 | 0 |
| 1 | 89 | 24 | 19 | 25 | 27.8 | 0.559 | 21 | 0 |
| 1 | 173 | 74 | 0 | 0 | 36.8 | 0.088 | 38 | 1 |
| 1 | 109 | 38 | 18 | 120 | 23.1 | 0.407 | 26 | 0 |
| 1 | 108 | 88 | 19 | 0 | 27.1 | 0.4 | 24 | 0 |
| 6 | 96 | 0 | 0 | 0 | 23.7 | 0.19 | 28 | 0 |
| 1 | 124 | 74 | 36 | 0 | 27.8 | 0.1 | 30 | 0 |
| 7 | 150 | 78 | 29 | 126 | 35.2 | 0.692 | 54 | 1 |
| 4 | 183 | 0 | 0 | 0 | 28.4 | 0.212 | 36 | 1 |
| 1 | 124 | 60 | 32 | 0 | 35.8 | 0.514 | 21 | 0 |
| 1 | 181 | 78 | 42 | 293 | 40 | 1.258 | 22 | 1 |
| 1 | 92 | 62 | 25 | 41 | 19.5 | 0.482 | 25 | 0 |
| 0 | 152 | 82 | 39 | 272 | 41.5 | 0.27 | 27 | 0 |
| 1 | 111 | 62 | 13 | 182 | 24 | 0.138 | 23 | 0 |
| 3 | 106 | 54 | 21 | 158 | 30.9 | 0.292 | 24 | 0 |
| 3 | 174 | 58 | 22 | 194 | 32.9 | 0.593 | 36 | 1 |
| 7 | 168 | 88 | 42 | 321 | 38.2 | 0.787 | 40 | 1 |
| 6 | 105 | 80 | 28 | 0 | 32.5 | 0.878 | 26 | 0 |
| 11 | 138 | 74 | 26 | 144 | 36.1 | 0.557 | 50 | 1 |
| 3 | 106 | 72 | 0 | 0 | 25.8 | 0.207 | 27 | 0 |
| 6 | 117 | 96 | 0 | 0 | 28.7 | 0.157 | 30 | 0 |
| 2 | 68 | 62 | 13 | 15 | 20.1 | 0.257 | 23 | 0 |
| 9 | 112 | 82 | 24 | 0 | 28.2 | 1.282 | 50 | 1 |
| 0 | 119 | 0 | 0 | 0 | 32.4 | 0.141 | 24 | 1 |
| 2 | 112 | 86 | 42 | 160 | 38.4 | 0.246 | 28 | 0 |
| 2 | 92 | 76 | 20 | 0 | 24.2 | 1.698 | 28 | 0 |
| 6 | 183 | 94 | 0 | 0 | 40.8 | 1.461 | 45 | 0 |
| 0 | 94 | 70 | 27 | 115 | 43.5 | 0.347 | 21 | 0 |
| 2 | 108 | 64 | 0 | 0 | 30.8 | 0.158 | 21 | 0 |
| 4 | 90 | 88 | 47 | 54 | 37.7 | 0.362 | 29 | 0 |
| 0 | 125 | 68 | 0 | 0 | 24.7 | 0.206 | 21 | 0 |
| 0 | 132 | 78 | 0 | 0 | 32.4 | 0.393 | 21 | 0 |
| 5 | 128 | 80 | 0 | 0 | 34.6 | 0.144 | 45 | 0 |
| 4 | 94 | 65 | 22 | 0 | 24.7 | 0.148 | 21 | 0 |
| 7 | 114 | 64 | 0 | 0 | 27.4 | 0.732 | 34 | 1 |
| 0 | 102 | 78 | 40 | 90 | 34.5 | 0.238 | 24 | 0 |
| 2 | 111 | 60 | 0 | 0 | 26.2 | 0.343 | 23 | 0 |
| 1 | 128 | 82 | 17 | 183 | 27.5 | 0.115 | 22 | 0 |
| 10 | 92 | 62 | 0 | 0 | 25.9 | 0.167 | 31 | 0 |
| 13 | 104 | 72 | 0 | 0 | 31.2 | 0.465 | 38 | 1 |
| 5 | 104 | 74 | 0 | 0 | 28.8 | 0.153 | 48 | 0 |
| 2 | 94 | 76 | 18 | 66 | 31.6 | 0.649 | 23 | 0 |
| 7 | 97 | 76 | 32 | 91 | 40.9 | 0.871 | 32 | 1 |
| 1 | 100 | 74 | 12 | 46 | 19.5 | 0.149 | 28 | 0 |
| 0 | 102 | 86 | 17 | 105 | 29.3 | 0.695 | 27 | 0 |
| 4 | 128 | 70 | 0 | 0 | 34.3 | 0.303 | 24 | 0 |
| 6 | 147 | 80 | 0 | 0 | 29.5 | 0.178 | 50 | 1 |
| 4 | 90 | 0 | 0 | 0 | 28 | 0.61 | 31 | 0 |
| 3 | 103 | 72 | 30 | 152 | 27.6 | 0.73 | 27 | 0 |
| 2 | 157 | 74 | 35 | 440 | 39.4 | 0.134 | 30 | 0 |
| 1 | 167 | 74 | 17 | 144 | 23.4 | 0.447 | 33 | 1 |
| 0 | 179 | 50 | 36 | 159 | 37.8 | 0.455 | 22 | 1 |
| 11 | 136 | 84 | 35 | 130 | 28.3 | 0.26 | 42 | 1 |
| 0 | 107 | 60 | 25 | 0 | 26.4 | 0.133 | 23 | 0 |
| 1 | 91 | 54 | 25 | 100 | 25.2 | 0.234 | 23 | 0 |
| 1 | 117 | 60 | 23 | 106 | 33.8 | 0.466 | 27 | 0 |
| 5 | 123 | 74 | 40 | 77 | 34.1 | 0.269 | 28 | 0 |
| 2 | 120 | 54 | 0 | 0 | 26.8 | 0.455 | 27 | 0 |
| 1 | 106 | 70 | 28 | 135 | 34.2 | 0.142 | 22 | 0 |
| 2 | 155 | 52 | 27 | 540 | 38.7 | 0.24 | 25 | 1 |
| 2 | 101 | 58 | 35 | 90 | 21.8 | 0.155 | 22 | 0 |
| 1 | 120 | 80 | 48 | 200 | 38.9 | 1.162 | 41 | 0 |
| 11 | 127 | 106 | 0 | 0 | 39 | 0.19 | 51 | 0 |
| 3 | 80 | 82 | 31 | 70 | 34.2 | 1.292 | 27 | 1 |
| 10 | 162 | 84 | 0 | 0 | 27.7 | 0.182 | 54 | 0 |
| 1 | 199 | 76 | 43 | 0 | 42.9 | 1.394 | 22 | 1 |
| 8 | 167 | 106 | 46 | 231 | 37.6 | 0.165 | 43 | 1 |
| 9 | 145 | 80 | 46 | 130 | 37.9 | 0.637 | 40 | 1 |
| 6 | 115 | 60 | 39 | 0 | 33.7 | 0.245 | 40 | 1 |
| 1 | 112 | 80 | 45 | 132 | 34.8 | 0.217 | 24 | 0 |
| 4 | 145 | 82 | 18 | 0 | 32.5 | 0.235 | 70 | 1 |
| 10 | 111 | 70 | 27 | 0 | 27.5 | 0.141 | 40 | 1 |
| 6 | 98 | 58 | 33 | 190 | 34 | 0.43 | 43 | 0 |
| 9 | 154 | 78 | 30 | 100 | 30.9 | 0.164 | 45 | 0 |
| 6 | 165 | 68 | 26 | 168 | 33.6 | 0.631 | 49 | 0 |
| 1 | 99 | 58 | 10 | 0 | 25.4 | 0.551 | 21 | 0 |
| 10 | 68 | 106 | 23 | 49 | 35.5 | 0.285 | 47 | 0 |
| 3 | 123 | 100 | 35 | 240 | 57.3 | 0.88 | 22 | 0 |
| 8 | 91 | 82 | 0 | 0 | 35.6 | 0.587 | 68 | 0 |
| 6 | 195 | 70 | 0 | 0 | 30.9 | 0.328 | 31 | 1 |
| 9 | 156 | 86 | 0 | 0 | 24.8 | 0.23 | 53 | 1 |
| 0 | 93 | 60 | 0 | 0 | 35.3 | 0.263 | 25 | 0 |
| 3 | 121 | 52 | 0 | 0 | 36 | 0.127 | 25 | 1 |
| 2 | 101 | 58 | 17 | 265 | 24.2 | 0.614 | 23 | 0 |
| 2 | 56 | 56 | 28 | 45 | 24.2 | 0.332 | 22 | 0 |
| 0 | 162 | 76 | 36 | 0 | 49.6 | 0.364 | 26 | 1 |
| 0 | 95 | 64 | 39 | 105 | 44.6 | 0.366 | 22 | 0 |
| 4 | 125 | 80 | 0 | 0 | 32.3 | 0.536 | 27 | 1 |
| 5 | 136 | 82 | 0 | 0 | 0 | 0.64 | 69 | 0 |
| 2 | 129 | 74 | 26 | 205 | 33.2 | 0.591 | 25 | 0 |
| 3 | 130 | 64 | 0 | 0 | 23.1 | 0.314 | 22 | 0 |
| 1 | 107 | 50 | 19 | 0 | 28.3 | 0.181 | 29 | 0 |
| 1 | 140 | 74 | 26 | 180 | 24.1 | 0.828 | 23 | 0 |
| 1 | 144 | 82 | 46 | 180 | 46.1 | 0.335 | 46 | 1 |
| 8 | 107 | 80 | 0 | 0 | 24.6 | 0.856 | 34 | 0 |
| 13 | 158 | 114 | 0 | 0 | 42.3 | 0.257 | 44 | 1 |
| 2 | 121 | 70 | 32 | 95 | 39.1 | 0.886 | 23 | 0 |
| 7 | 129 | 68 | 49 | 125 | 38.5 | 0.439 | 43 | 1 |
| 2 | 90 | 60 | 0 | 0 | 23.5 | 0.191 | 25 | 0 |
| 7 | 142 | 90 | 24 | 480 | 30.4 | 0.128 | 43 | 1 |
| 3 | 169 | 74 | 19 | 125 | 29.9 | 0.268 | 31 | 1 |
| 0 | 99 | 0 | 0 | 0 | 25 | 0.253 | 22 | 0 |
| 4 | 127 | 88 | 11 | 155 | 34.5 | 0.598 | 28 | 0 |
| 4 | 118 | 70 | 0 | 0 | 44.5 | 0.904 | 26 | 0 |
| 2 | 122 | 76 | 27 | 200 | 35.9 | 0.483 | 26 | 0 |
| 6 | 125 | 78 | 31 | 0 | 27.6 | 0.565 | 49 | 1 |
| 1 | 168 | 88 | 29 | 0 | 35 | 0.905 | 52 | 1 |
| 2 | 129 | 0 | 0 | 0 | 38.5 | 0.304 | 41 | 0 |
| 4 | 110 | 76 | 20 | 100 | 28.4 | 0.118 | 27 | 0 |
| 6 | 80 | 80 | 36 | 0 | 39.8 | 0.177 | 28 | 0 |
| 10 | 115 | 0 | 0 | 0 | 0 | 0.261 | 30 | 1 |
| 2 | 127 | 46 | 21 | 335 | 34.4 | 0.176 | 22 | 0 |
| 9 | 164 | 78 | 0 | 0 | 32.8 | 0.148 | 45 | 1 |
| 2 | 93 | 64 | 32 | 160 | 38 | 0.674 | 23 | 1 |
| 3 | 158 | 64 | 13 | 387 | 31.2 | 0.295 | 24 | 0 |
| 5 | 126 | 78 | 27 | 22 | 29.6 | 0.439 | 40 | 0 |
| 10 | 129 | 62 | 36 | 0 | 41.2 | 0.441 | 38 | 1 |
| 0 | 134 | 58 | 20 | 291 | 26.4 | 0.352 | 21 | 0 |
| 3 | 102 | 74 | 0 | 0 | 29.5 | 0.121 | 32 | 0 |
| 7 | 187 | 50 | 33 | 392 | 33.9 | 0.826 | 34 | 1 |
| 3 | 173 | 78 | 39 | 185 | 33.8 | 0.97 | 31 | 1 |
| 10 | 94 | 72 | 18 | 0 | 23.1 | 0.595 | 56 | 0 |
| 1 | 108 | 60 | 46 | 178 | 35.5 | 0.415 | 24 | 0 |
| 5 | 97 | 76 | 27 | 0 | 35.6 | 0.378 | 52 | 1 |
| 4 | 83 | 86 | 19 | 0 | 29.3 | 0.317 | 34 | 0 |
| 1 | 114 | 66 | 36 | 200 | 38.1 | 0.289 | 21 | 0 |
| 1 | 149 | 68 | 29 | 127 | 29.3 | 0.349 | 42 | 1 |
| 5 | 117 | 86 | 30 | 105 | 39.1 | 0.251 | 42 | 0 |
| 1 | 111 | 94 | 0 | 0 | 32.8 | 0.265 | 45 | 0 |
| 4 | 112 | 78 | 40 | 0 | 39.4 | 0.236 | 38 | 0 |
| 1 | 116 | 78 | 29 | 180 | 36.1 | 0.496 | 25 | 0 |
| 0 | 141 | 84 | 26 | 0 | 32.4 | 0.433 | 22 | 0 |
| 2 | 175 | 88 | 0 | 0 | 22.9 | 0.326 | 22 | 0 |
| 2 | 92 | 52 | 0 | 0 | 30.1 | 0.141 | 22 | 0 |
| 3 | 130 | 78 | 23 | 79 | 28.4 | 0.323 | 34 | 1 |
| 8 | 120 | 86 | 0 | 0 | 28.4 | 0.259 | 22 | 1 |
| 2 | 174 | 88 | 37 | 120 | 44.5 | 0.646 | 24 | 1 |
| 2 | 106 | 56 | 27 | 165 | 29 | 0.426 | 22 | 0 |
| 2 | 105 | 75 | 0 | 0 | 23.3 | 0.56 | 53 | 0 |
| 4 | 95 | 60 | 32 | 0 | 35.4 | 0.284 | 28 | 0 |
| 0 | 126 | 86 | 27 | 120 | 27.4 | 0.515 | 21 | 0 |
| 8 | 65 | 72 | 23 | 0 | 32 | 0.6 | 42 | 0 |
| 2 | 99 | 60 | 17 | 160 | 36.6 | 0.453 | 21 | 0 |
| 1 | 102 | 74 | 0 | 0 | 39.5 | 0.293 | 42 | 1 |
| 11 | 120 | 80 | 37 | 150 | 42.3 | 0.785 | 48 | 1 |
| 3 | 102 | 44 | 20 | 94 | 30.8 | 0.4 | 26 | 0 |
| 1 | 109 | 58 | 18 | 116 | 28.5 | 0.219 | 22 | 0 |
| 9 | 140 | 94 | 0 | 0 | 32.7 | 0.734 | 45 | 1 |
| 13 | 153 | 88 | 37 | 140 | 40.6 | 1.174 | 39 | 0 |
| 12 | 100 | 84 | 33 | 105 | 30 | 0.488 | 46 | 0 |
| 1 | 147 | 94 | 41 | 0 | 49.3 | 0.358 | 27 | 1 |
| 1 | 81 | 74 | 41 | 57 | 46.3 | 1.096 | 32 | 0 |
| 3 | 187 | 70 | 22 | 200 | 36.4 | 0.408 | 36 | 1 |
| 6 | 162 | 62 | 0 | 0 | 24.3 | 0.178 | 50 | 1 |
| 4 | 136 | 70 | 0 | 0 | 31.2 | 1.182 | 22 | 1 |
| 1 | 121 | 78 | 39 | 74 | 39 | 0.261 | 28 | 0 |
| 3 | 108 | 62 | 24 | 0 | 26 | 0.223 | 25 | 0 |
| 0 | 181 | 88 | 44 | 510 | 43.3 | 0.222 | 26 | 1 |
| 8 | 154 | 78 | 32 | 0 | 32.4 | 0.443 | 45 | 1 |
| 1 | 128 | 88 | 39 | 110 | 36.5 | 1.057 | 37 | 1 |
| 7 | 137 | 90 | 41 | 0 | 32 | 0.391 | 39 | 0 |
| 0 | 123 | 72 | 0 | 0 | 36.3 | 0.258 | 52 | 1 |
| 1 | 106 | 76 | 0 | 0 | 37.5 | 0.197 | 26 | 0 |
| 6 | 190 | 92 | 0 | 0 | 35.5 | 0.278 | 66 | 1 |
| 2 | 88 | 58 | 26 | 16 | 28.4 | 0.766 | 22 | 0 |
| 9 | 170 | 74 | 31 | 0 | 44 | 0.403 | 43 | 1 |
| 9 | 89 | 62 | 0 | 0 | 22.5 | 0.142 | 33 | 0 |
| 10 | 101 | 76 | 48 | 180 | 32.9 | 0.171 | 63 | 0 |
| 2 | 122 | 70 | 27 | 0 | 36.8 | 0.34 | 27 | 0 |
| 5 | 121 | 72 | 23 | 112 | 26.2 | 0.245 | 30 | 0 |
| 1 | 126 | 60 | 0 | 0 | 30.1 | 0.349 | 47 | 1 |
| 1 | 93 | 70 | 31 | 0 | 30.4 | 0.315 | 23 | 0 |

**CODE IMPLEMENTATION**

Importing the Dependencies

import numpy as np

import pandas as pd

from sklearn.preprocessing import StandardScaler

from sklearn.model\_selection import train\_test\_split

from sklearn import svm

from sklearn.metrics import accuracy\_score

Data Collection and Analysis

PIMA Diabetes Dataset

# loading the diabetes dataset to a pandas DataFrame

diabetes\_dataset = pd.read\_csv('/content/diabetes.csv')

pd.read\_csv?

# printing the first 5 rows of the dataset

diabetes\_dataset.head()

# number of rows and Columns in this dataset

diabetes\_dataset.shape

# getting the statistical measures of the data

diabetes\_dataset.describe()

diabetes\_dataset['Outcome'].value\_counts()

0 --> Non-Diabetic

1 --> Diabetic

diabetes\_dataset.groupby('Outcome').mean()

# separating the data and labels

X = diabetes\_dataset.drop(columns = 'Outcome', axis=1)

Y = diabetes\_dataset['Outcome']

print(X)

print(Y)

Data Standardization

scaler = StandardScaler()

scaler.fit(X)

standardized\_data = scaler.transform(X)

print(standardized\_data)

X = standardized\_data

Y = diabetes\_dataset['Outcome']

print(X)

print(Y)

Train Test Split

X\_train, X\_test, Y\_train, Y\_test = train\_test\_split(X,Y, test\_size = 0.2, stratify=Y, random\_state=2)

print(X.shape, X\_train.shape, X\_test.shape)

Training the Model

classifier = svm.SVC(kernel='linear')

#training the support vector Machine Classifier

classifier.fit(X\_train, Y\_train)

Model Evaluation

Accuracy Score

# accuracy score on the training data

X\_train\_prediction = classifier.predict(X\_train)

training\_data\_accuracy = accuracy\_score(X\_train\_prediction, Y\_train)

print('Accuracy score of the training data : ', training\_data\_accuracy)

# accuracy score on the test data

X\_test\_prediction = classifier.predict(X\_test)

test\_data\_accuracy = accuracy\_score(X\_test\_prediction, Y\_test)

print('Accuracy score of the test data : ', test\_data\_accuracy)

Making a Predictive System

input\_data = (5,166,72,19,175,25.8,0.587,51)

# changing the input\_data to numpy array

input\_data\_as\_numpy\_array = np.asarray(input\_data)

# reshape the array as we are predicting for one instance

input\_data\_reshaped = input\_data\_as\_numpy\_array.reshape(1,-1)

# standardize the input data

std\_data = scaler.transform(input\_data\_reshaped)

print(std\_data)

prediction = classifier.predict(std\_data)

print(prediction)

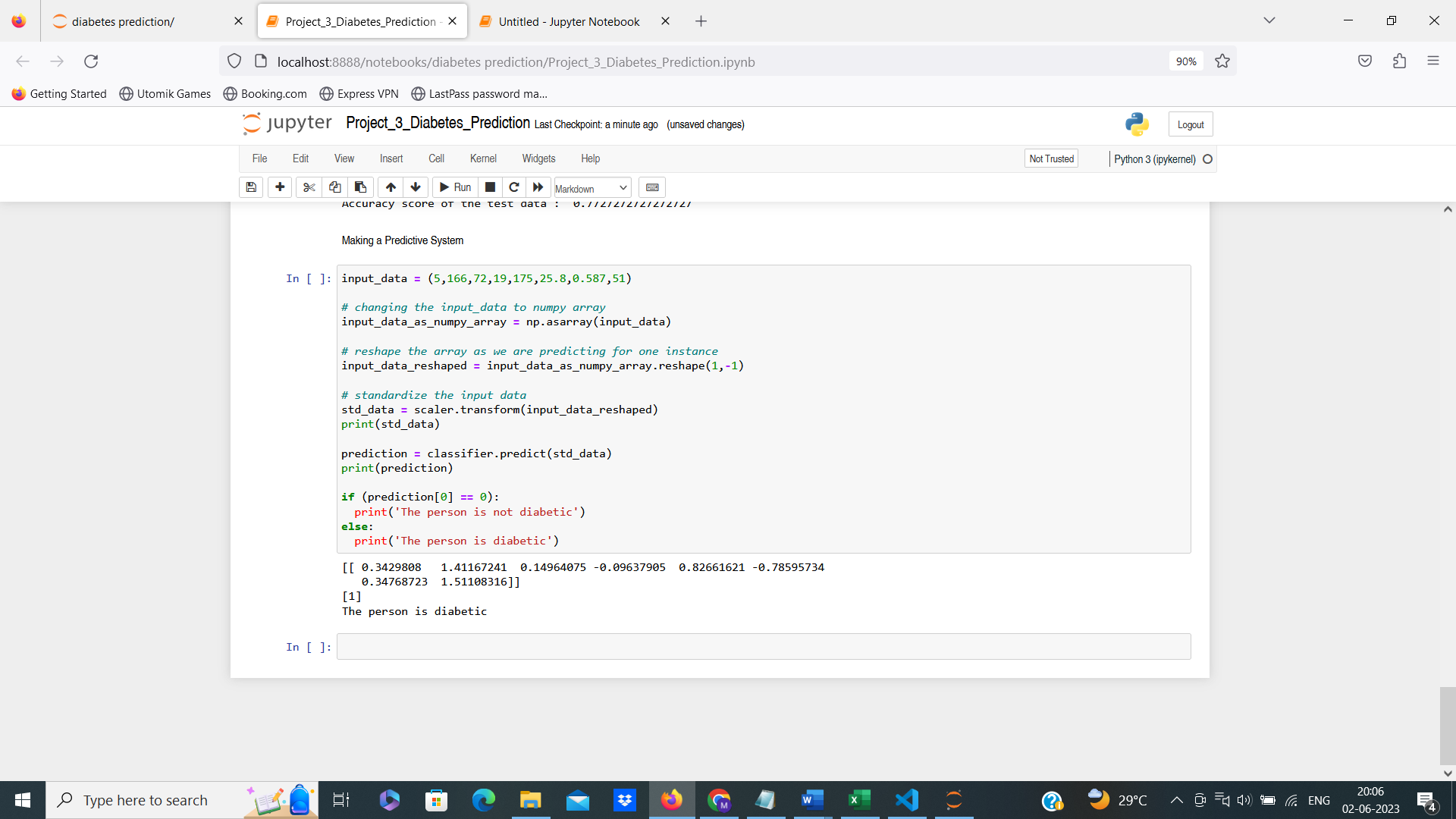
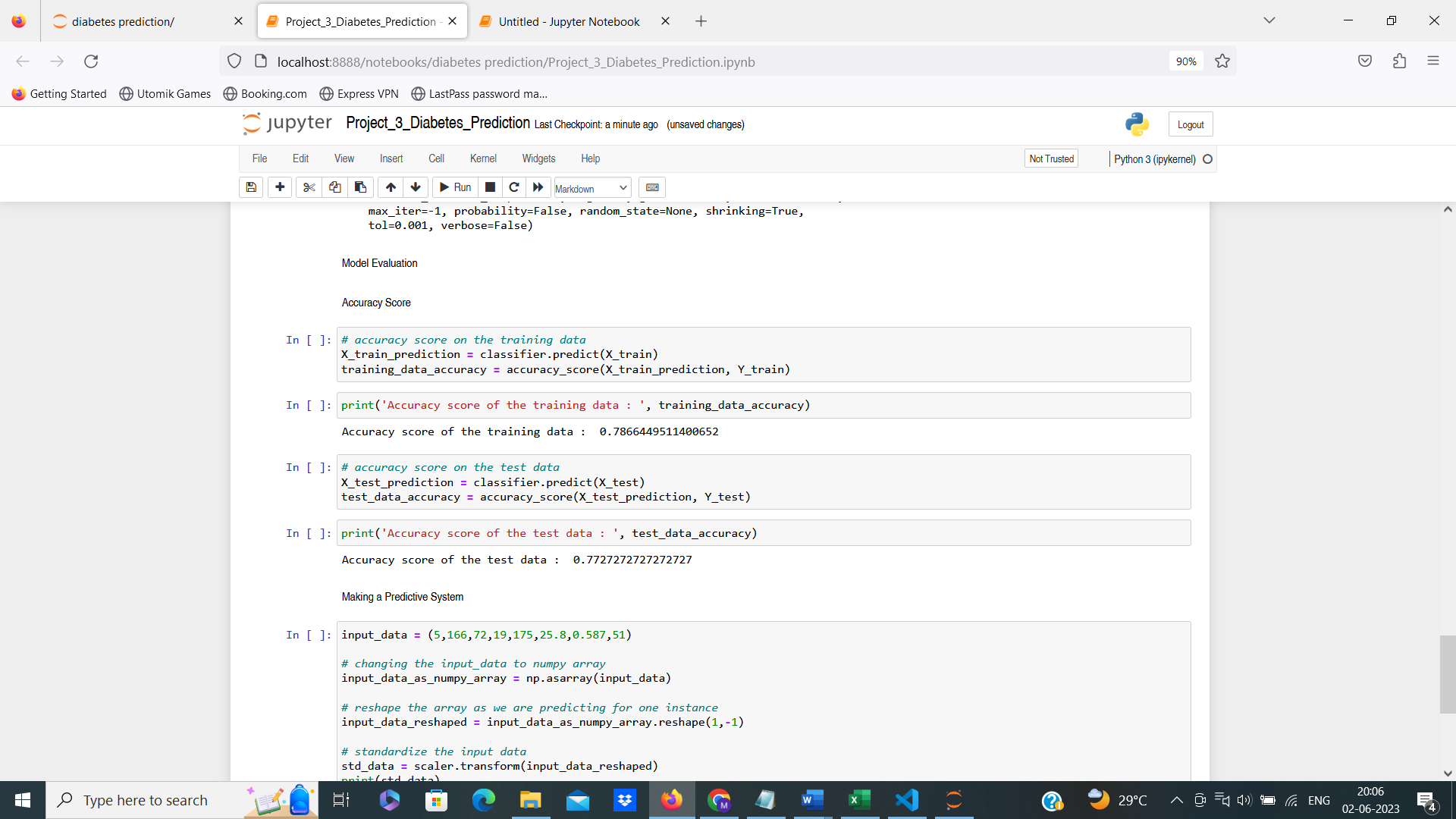
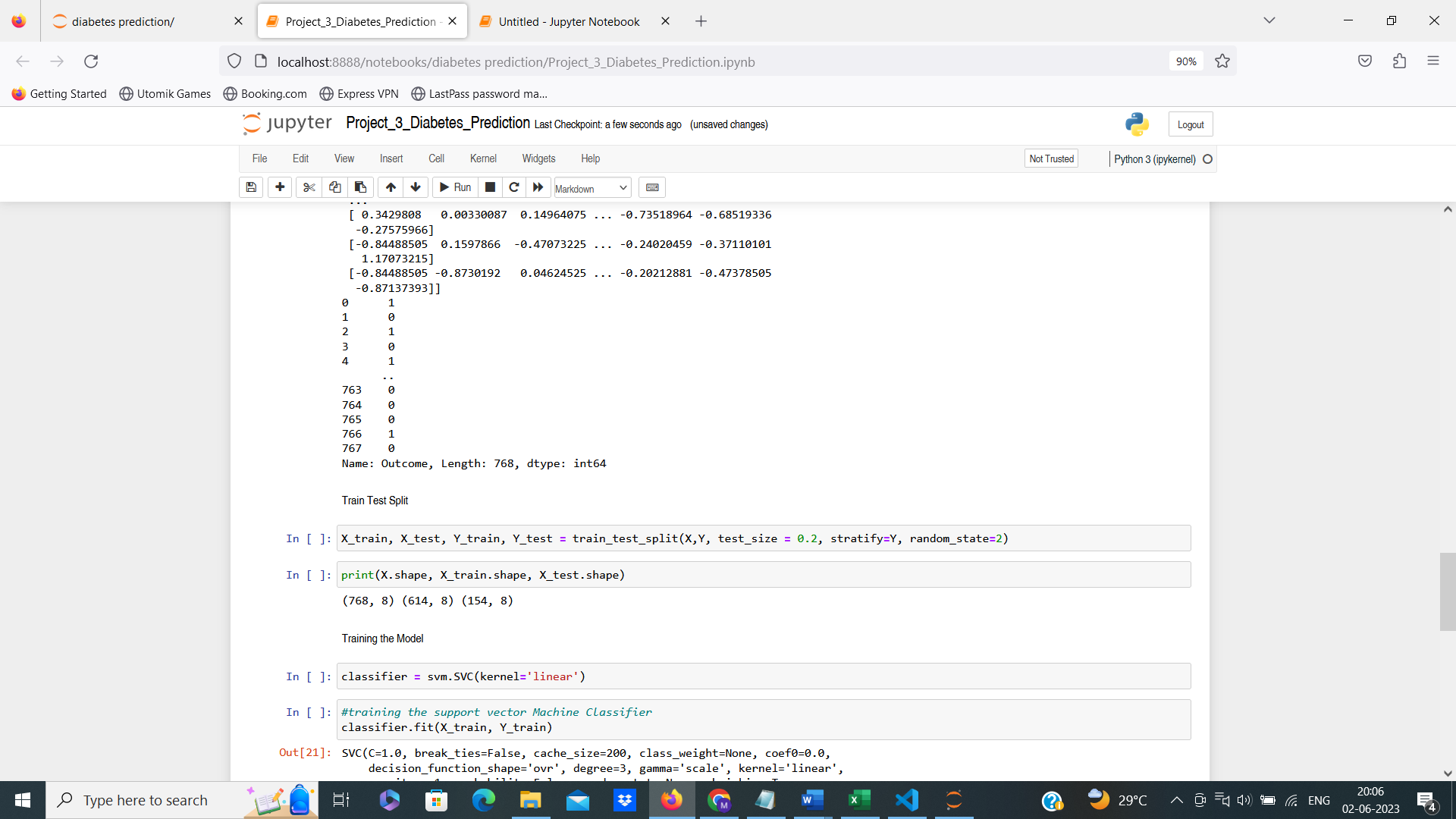
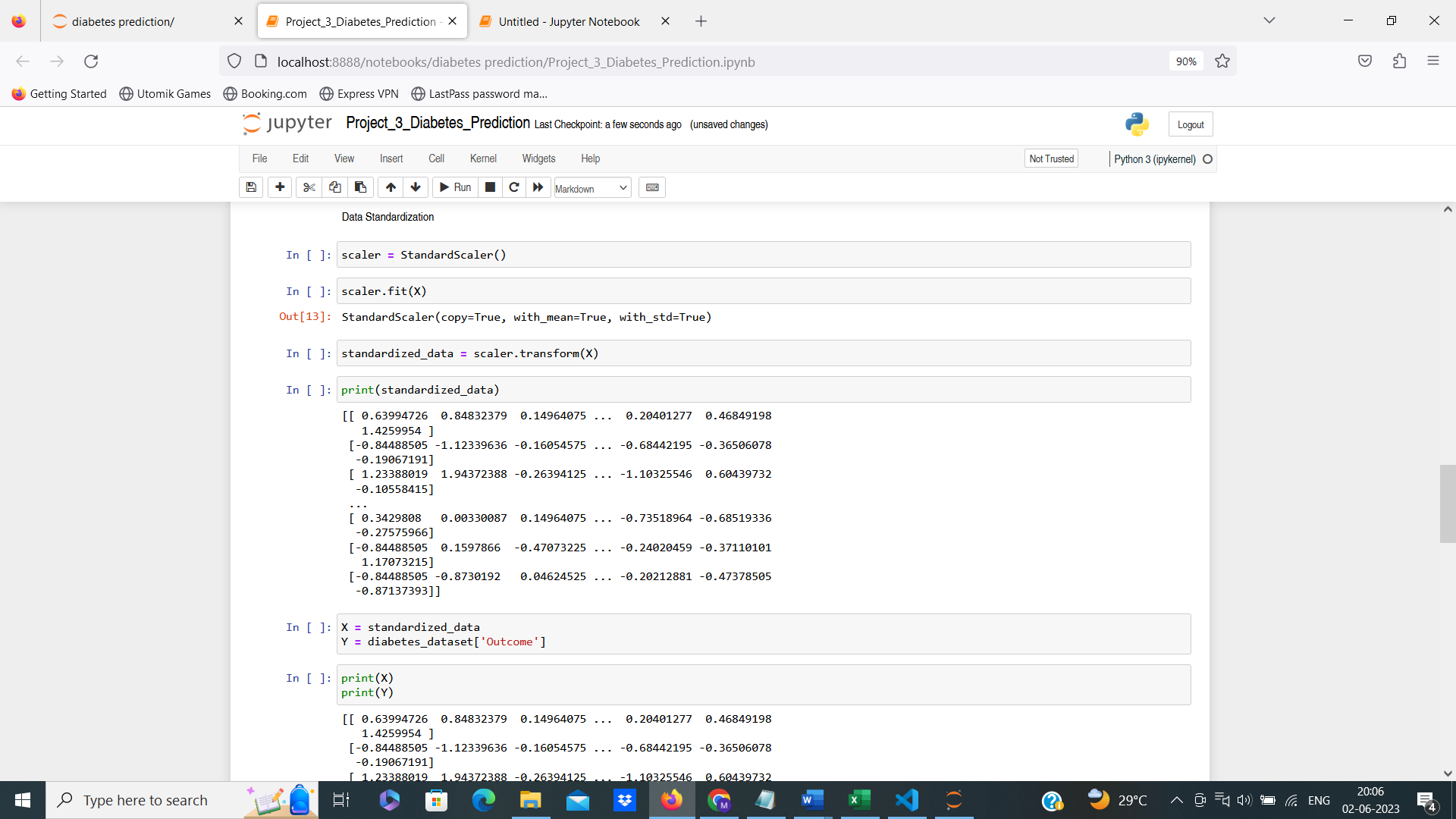
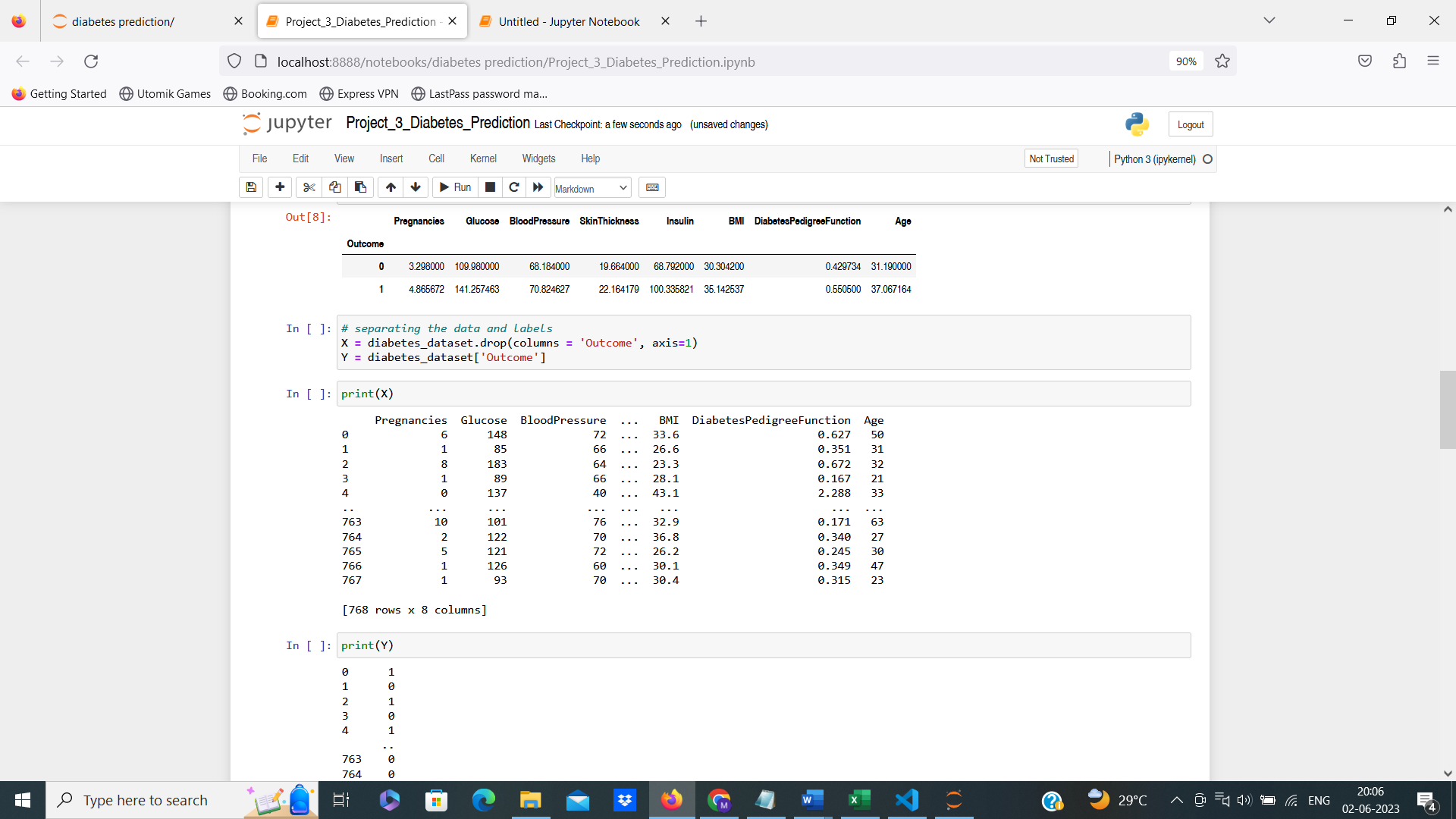
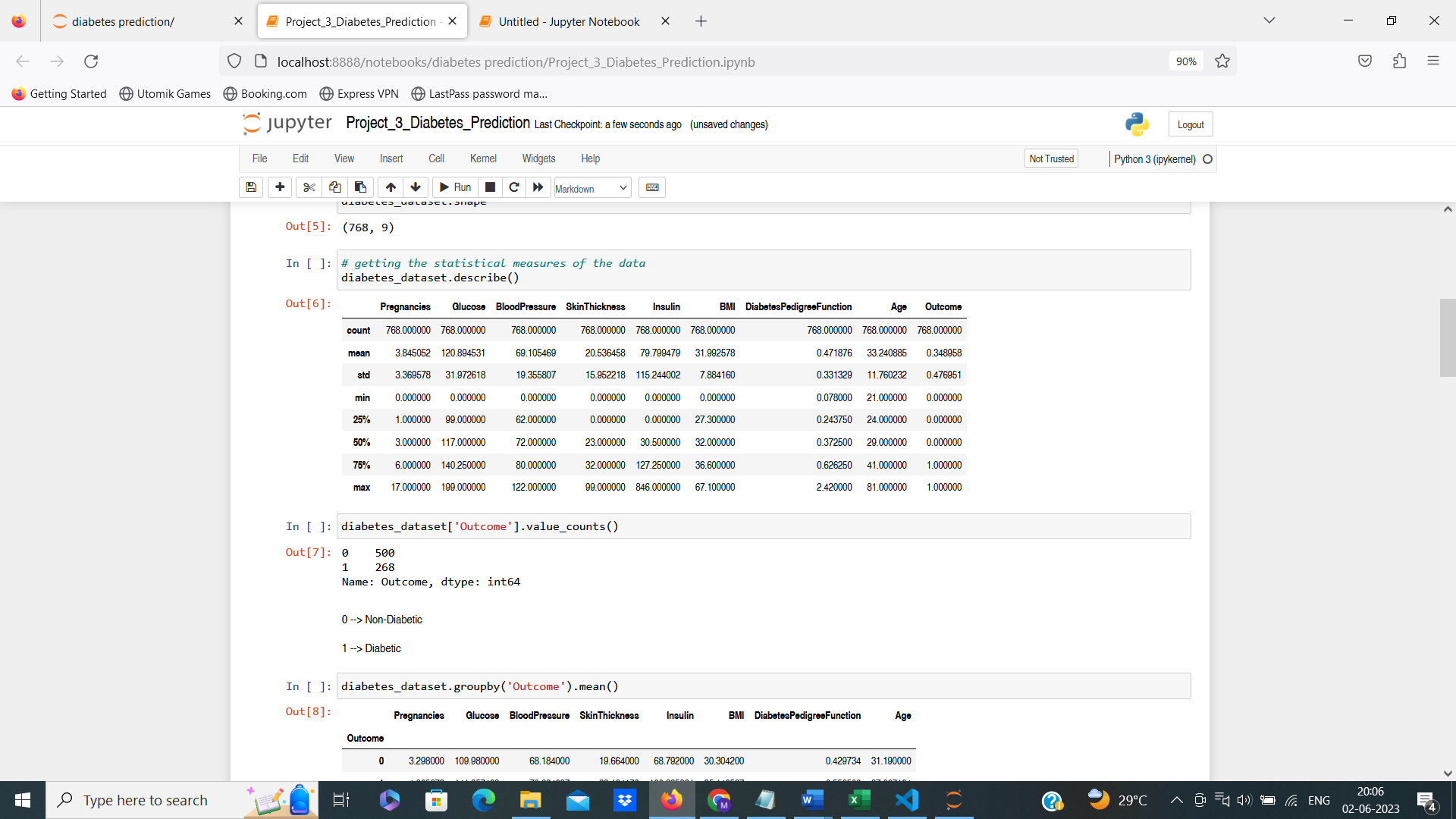
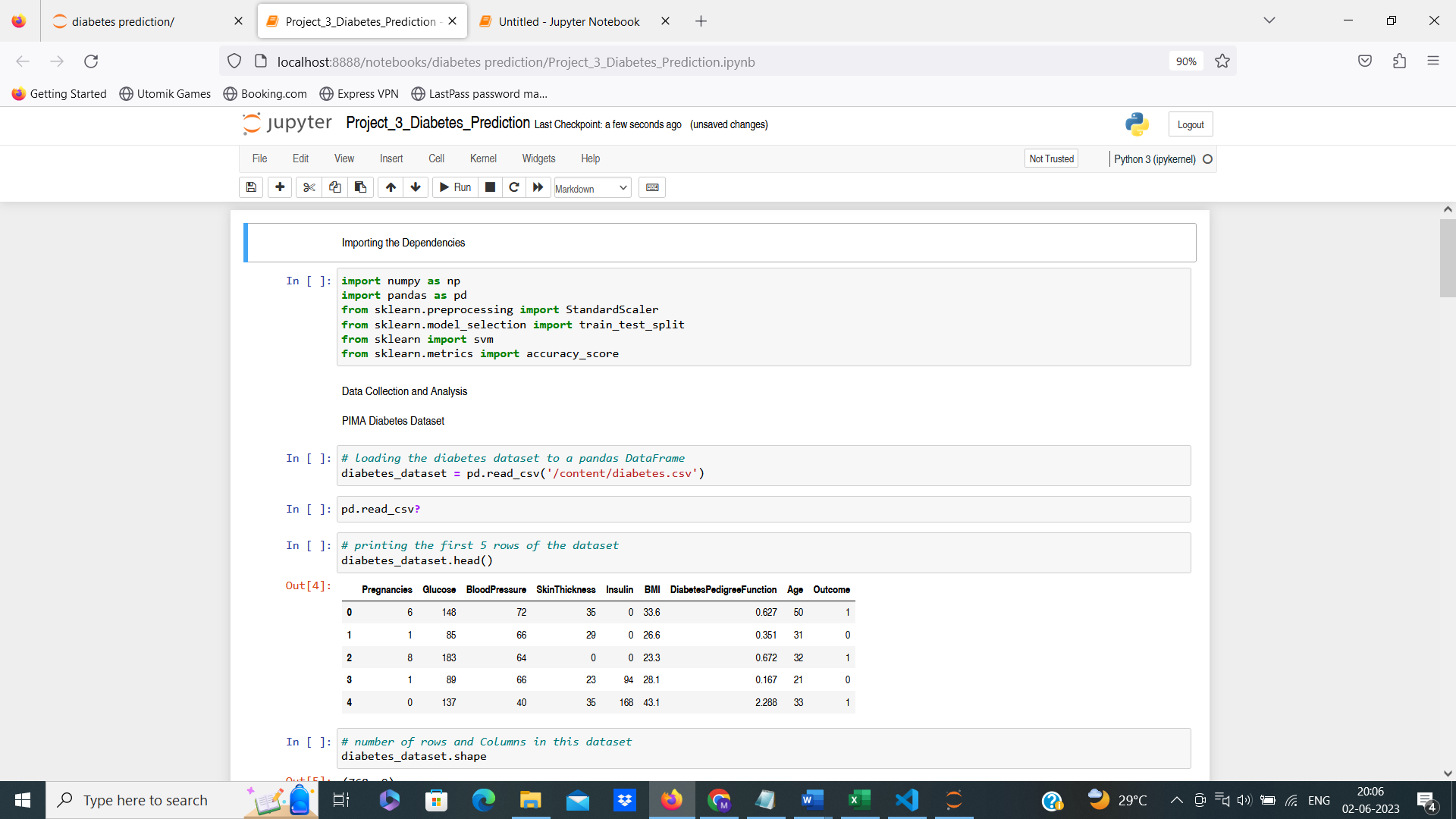
if (prediction[0] == 0):

print('The person is not diabetic')

else:

print('The person is diabetic')

**RESULT**

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