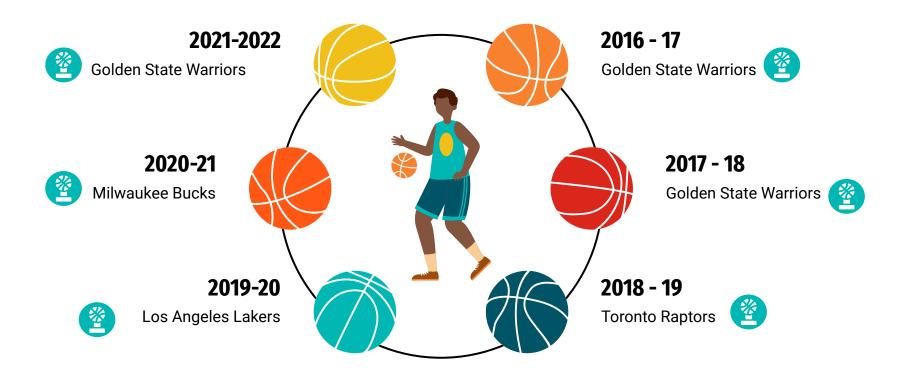


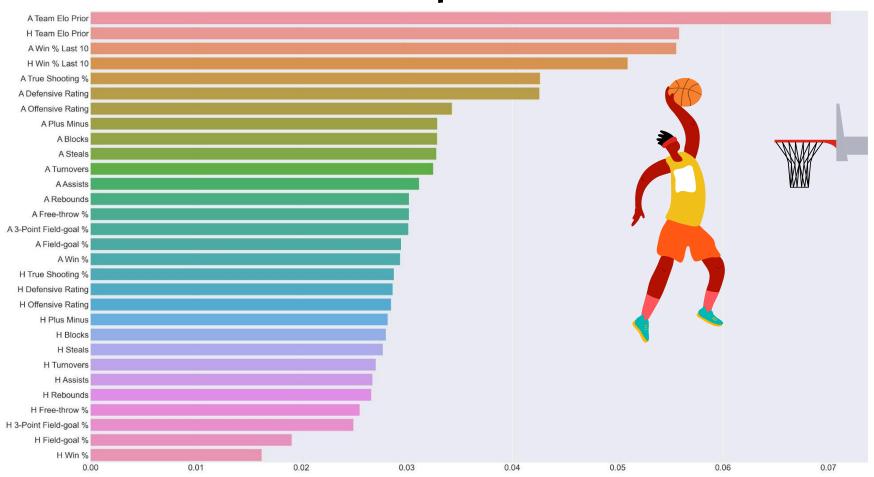
# NBA Game Predictor

ID10T & Let's Ride Consulting Group Alvaro Mendizabal

## **NBA Data**



## **Feature Importance**



## **Offensive vs Defensive Rating**

#### Offensive

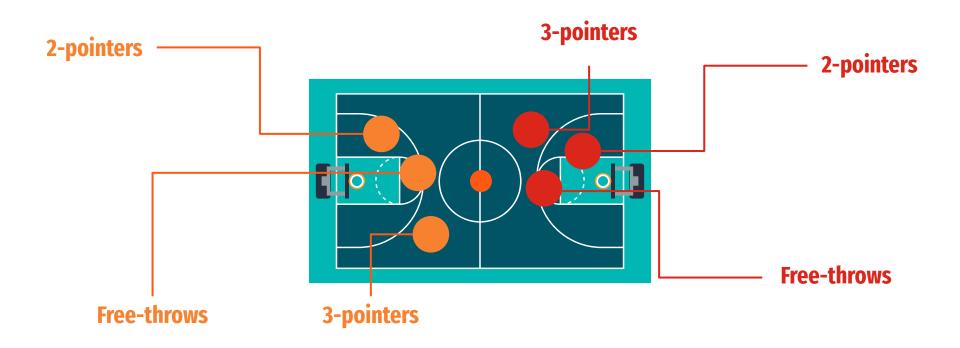
Points produced by a team per 100 possessions



#### **Defensive**

Points allowed by a team per 100 possessions

## **True Shooting Percentage**



## Elo

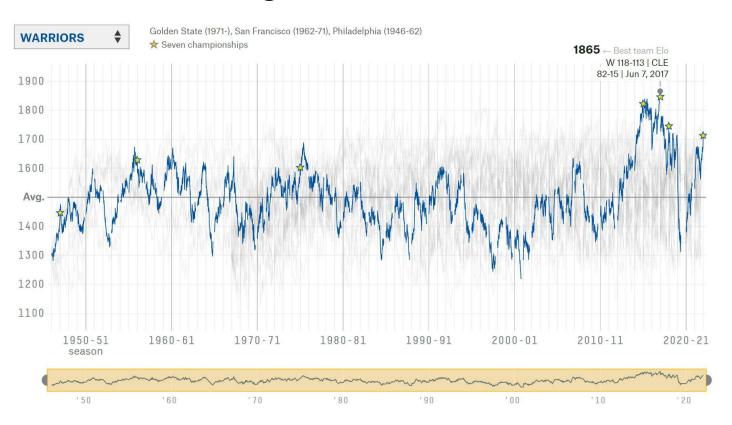


#### REGULAR SEASON PLAYOFFS CHANCE OF CHANCE OF MAKING FINALS 1-WEEK ELO RATING CHANGE PROJ. PROJ. POINT MAKING TEAM CONFERENCE RECORD DIFF/G PLAYOFFS 1689 Suns 63-17 West 64-18 +7.7 47% 29% 1704 Celtics 50-31 29% East 50-32 +6.9 50% 1656 Grizzlies 55-25 West 56-26 +5.8 26% 15% # Heat 52-28 1618 East 54-28 +4.8 18% 7% 1598 76 76ers 49-31 51-31 +2.6 4% East 11% Raptors 47-33 1612 East 48-34 +2.6 8% 3% Mavericks 50-30 1591 West 52-30 +2.8 7% 3% 1579 Bucks 50-30 East 51-31 +3.3 9% 3% 1582 Warriors 51-29 West 52-30 +5.2 2% 6% 1588 Jazz 48-32 49-33 +5.8 6% 28 West 1574 Timberwolves 46-35 West 47-36 +2.8 3% 1% 1564 Nuggets 48-33 West 49-33 +2.5 3% 0.9% Mawks 42-38 1560 East 43-39 +1.4 52% 28 0.5% 1536 Nets 42-38 East 44-38 +0.7 73% 1% 0.3% 1543 Pelicans 38-44 0.5% 0.2% West 37-45 -0.5 25% Clippers 40-40 1525 42-41 West -0.6 74% 0.8% 0.2% 1527 Hornets 41-39 East 42-40 +0.1 23% 0.4% 0.1% 1465 Bulls 45-35 46-36 -0.3 0.4% <0.1% East 1485 C Cavaliers 43-37 East 44-38 +2.0 53% 0.3% <0.1% ₩ Spurs 34-46 +0.2 1504 West 35-47 11% <0.1% <0.1% 1295 ™ Magic 21-60 East 21-61 -8.3 1445 Wizards 35-45 East 36-46 -3.0 1373 Pistons 23-57 23-59 -7.4 East 1335 Thunder 24-56 West 24-58 -7.5 1308 Rockets 20-80 West 20-62 -8.5 1494 W Knicks 35-45 East 36-46 -0.6 Pacers 25-55 1369 East 25-57 -3.5 1399 M Lakers 31-49 West 32-50 -3.4 1364 Kings 29-51 West 29-53 -5.6 Trail Blazers 27-53 1265 West 27-55 -8.2

## Rating



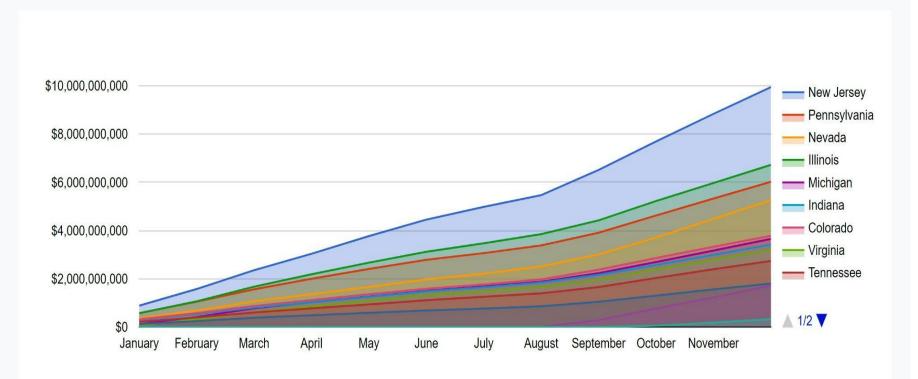
## **Elo Rating - Golden State Warriors**



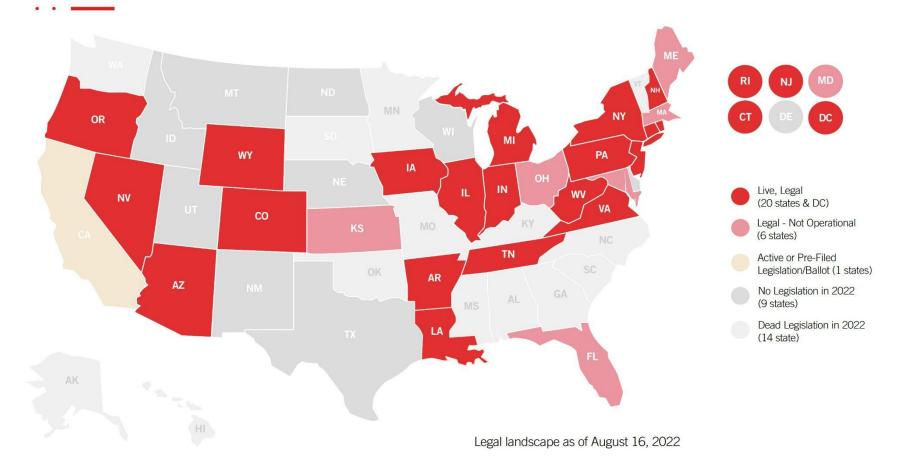
## **Predictive Model**



# 2021 Aggregate Mobile Sports Betting Handle (Top US Markets)



## U.S. Sports Betting: Mobile



## **NBA Game Prediction**

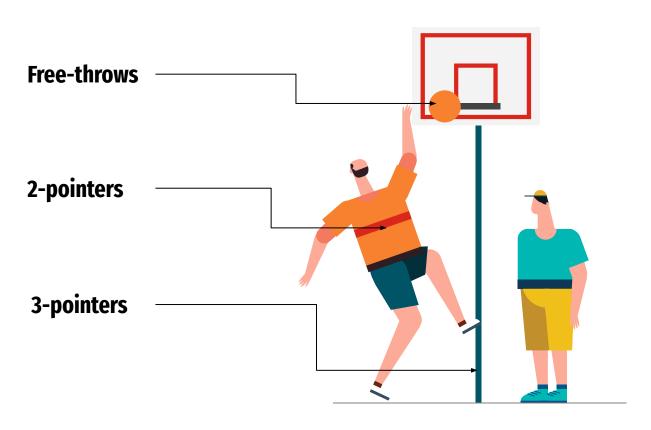








## **True Shooting Percentage**





#### Saturn

Saturn is a gas giant and has several rings



#### **Earth**

The Earth is the beautiful planet where we all live



#### **Uranus**

Uranus is the seventh planet from the sun



#### **Mars**

Despite being red, Mars is actually a cold place



## **Jupiter**

Jupiter is the biggest planet in the Solar System



## Mercury

Mercury is the smallest planet in the Solar System



#### Neptune

Neptune is the farthest planet from the Sun



#### **Venus**

Venus is terribly hot, even hotter than Mercury

#### **Basketball Tournament**













Group A
Jupiter is the biggest one
Mars is made of rock
Saturn is a gas giant

# Group B Saturn is a gas giant Mars has iron oxide dust Mercury is very small

Jupiter is the biggest one

Group C
---------

Jupiter is the biggest one

The Earth is where we live

Mars is a cold place

Neptune is an ice giant

## **Group D**

Venus is toxic

Mars is actually cold

Jupiter is a gas giant

Mercury is the smallest

1

3

**Mars** 

Despite being red, it's actually a cold place full of iron oxide dust

2



**Earth** 

It's the only planet that harbors life in the Solar System 3



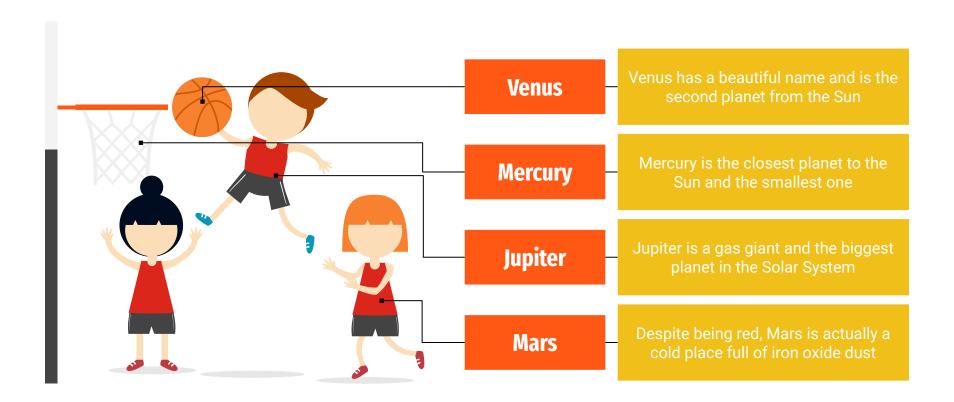
**Jupiter** 

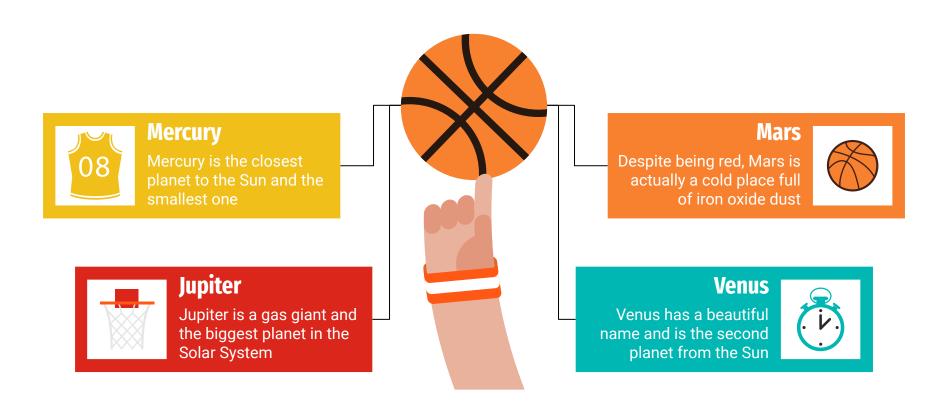
Jupiter is a gas giant and the biggest planet in the Solar System 4

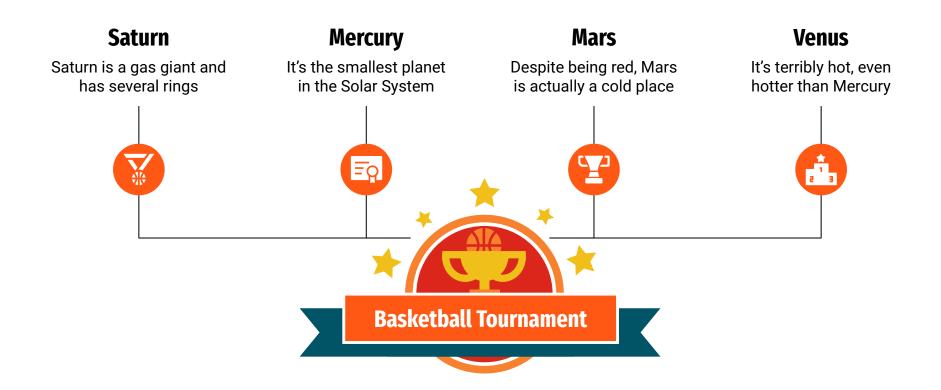


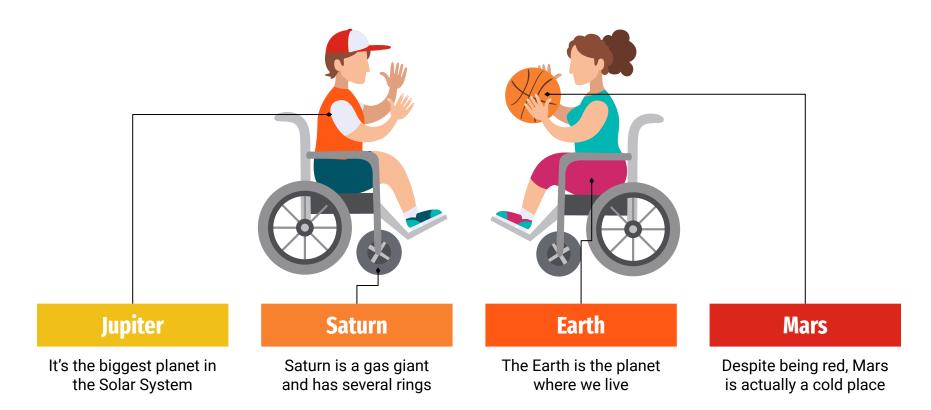
Mercury

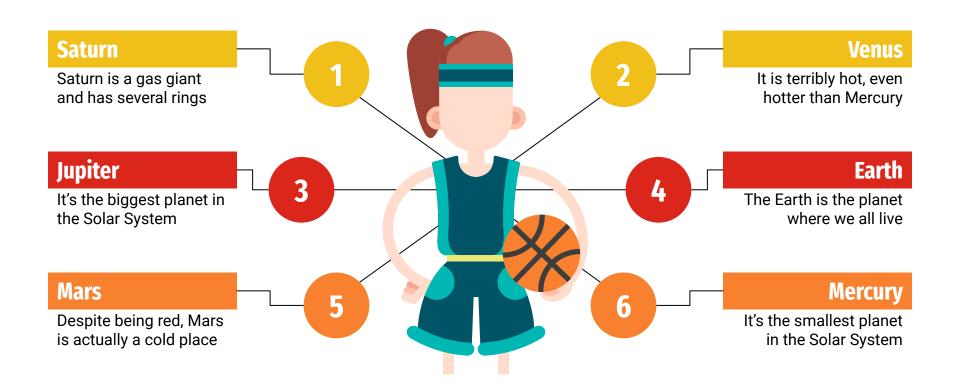
Mercury is the closest planet to the Sun and the smallest one

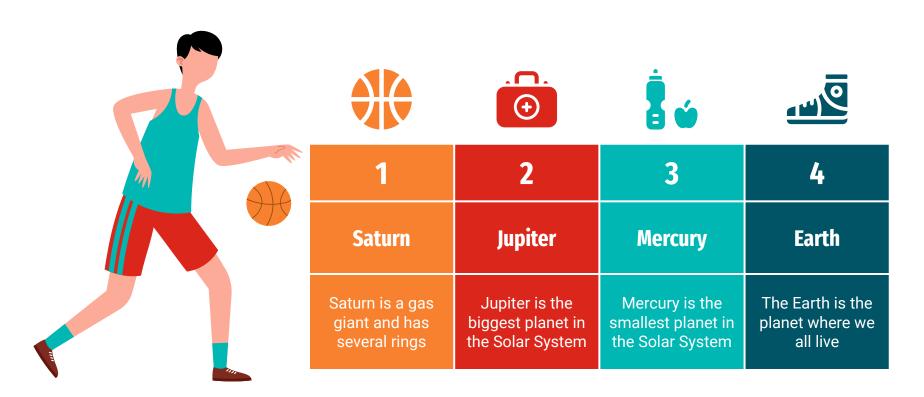


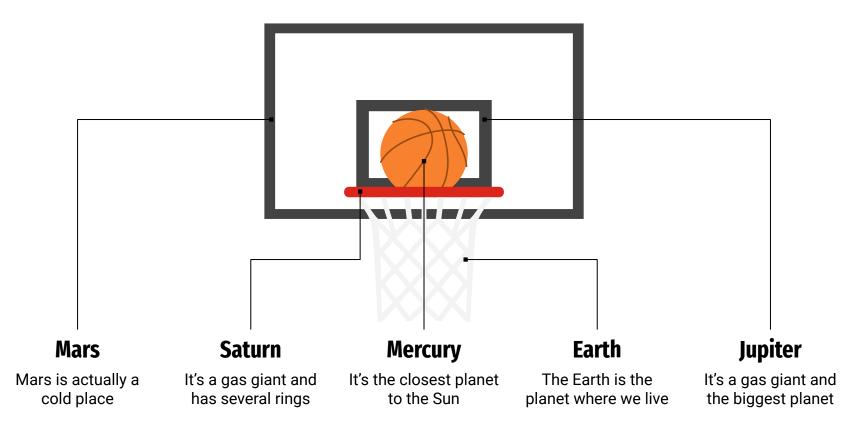


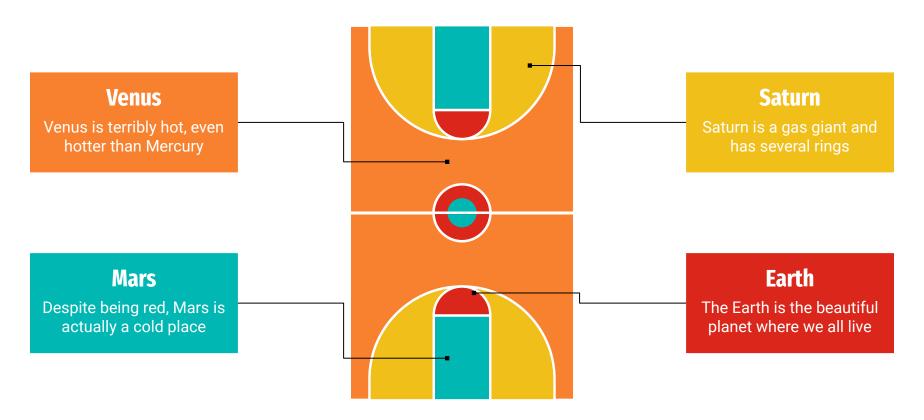












1	2	3	4	5	6
				5	
Mercury	Saturn	Jupiter	Earth	Mars	Venus
It's the smallest planet in the Solar System	Saturn is a gas giant and has several rings	Jupiter is the biggest planet in the Solar System	The Earth is the planet where we all live	Despite being red, it's actually a cold place	Venus is terribly hot, even hotter than Mercury



#### Venus

Venus has a beautiful name and is the second planet from the Sun



#### **Mercury**

Mercury is the closest planet to the Sun and the smallest one



#### Mars

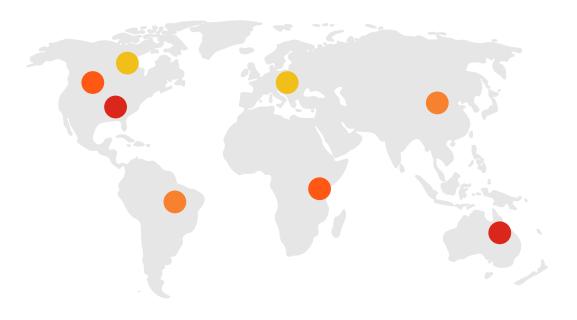
Despite being red, it's actually a cold place full of iron oxide dust

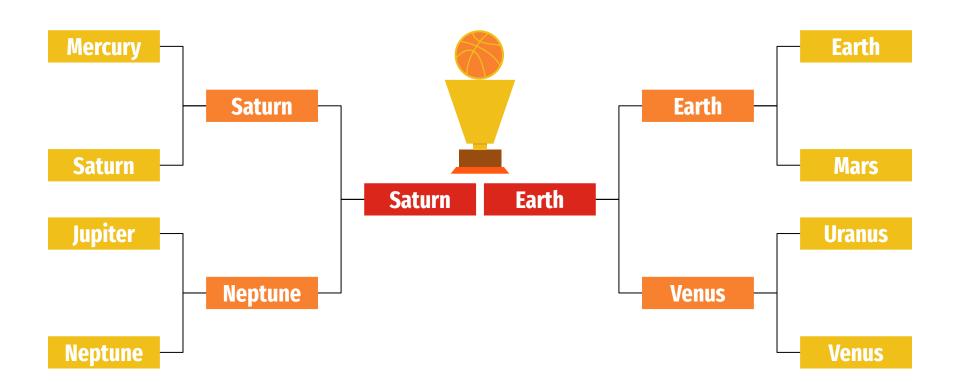


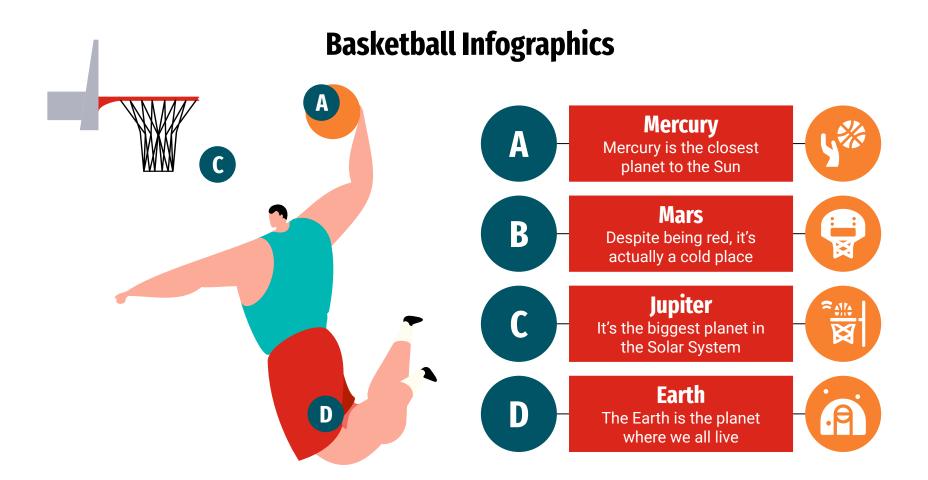
#### **Jupiter**

It's a gas giant and the biggest planet in the Solar System

## The best-selling basketball equipment in the world









The Earth is the beautiful planet where we all live



Despite being red, Mars is actually a cold place



Mercury is the smallest planet in the Solar System



Saturn is composed mostly of hydrogen and helium

## The evolution of professional basketball players



Follow the link in the graph to modify its data and then paste the new one here. For more info, click here

## The importance of basketball in disabled people

Mercury

Mercury is the closest planet to the Sun

Jupiter

It's the biggest planet in the Solar System

Saturn

Saturn is a gas giant and has several rings

Mars

Despite being red, it's actually a cold place

Venus

Venus is the second planet from the Sun

Earth

The Earth is the planet we all live on





Mercury is the closest planet to the Sun and the smallest one



**Jupiter** 

Jupiter is a gas giant and the biggest planet in the Solar System





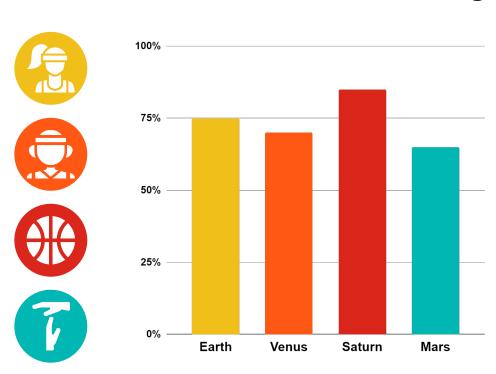
#### Venus

Venus has a beautiful name and is the second planet from the Sun



#### Mars

Despite being red, Mars is actually a cold place full of iron oxide dust



Follow the link in the graph to modify its data and then paste the new one here. For more info, click here

**75%** 

#### **Earth**

The Earth is the beautiful planet where we all live

70%

#### **Venus**

Venus is terribly hot, even hotter than Mercury

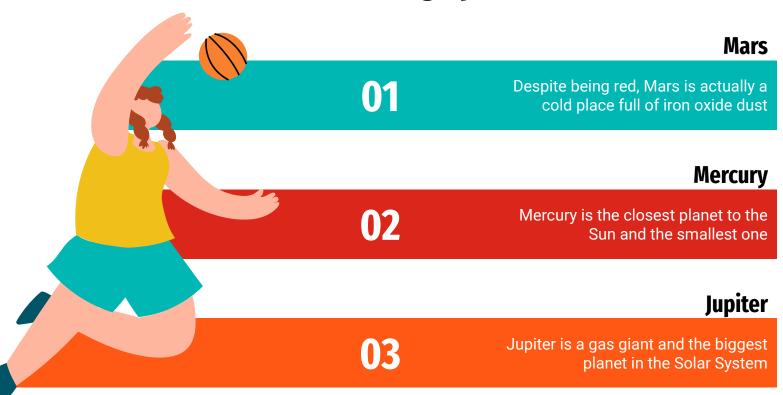
85%

#### **Saturn**

Saturn is a gas giant and has several rings 65%

#### **Mars**

Despite being red, Mars is actually a cold place





## **Jupiter**

Jupiter is a gas giant and the biggest planet in the Solar System



#### **Earth**

The Earth is "the Blue Planet" and it's the only planet that harbors life



#### Mercury

Mercury is the closest planet to the Sun and the smallest one



#### Mars

Despite being red, Mars is actually a cold place full of iron oxide dust



#### Venus

Venus has a beautiful name and is the second planet from the Sun

1

2

3

4

**5** 

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