

Preparing Your Dataset



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Dataset



What's inside

Loading

Preparing





Port of Embarkation	Sex	Cabin	Survived
Cherbourg	M	103	No
Queenstown	F	300	Yes
Cherbourg	F	245	No

No temporal data



Date	USD/EUR Exchange Rate
24.03.2017	0.81
25.03.2017	0.83
26.03.2017	0.82

Only one dimension







www.opensourcesports.com

The information used herein was obtained free of charge from and is copyrighted by the Hockey Databank project.

For more information about the Hockey Databank project please visit:
<https://groups.yahoo.com/groups/hockey-databank>



NHL

National Hockey League











README



INFO



Players

Teams



Player Data



Master.csv

playerID coachID firstName lastName birthYear birthMon birthDay

→	adamru01		Russ	Adam	1961	5	5
→	bowneri01	bowneri01	Rick	Bowness	1955	1	25
→		lapoiro01c	Ron	Lapointe	1949	11	12



Scoring.csv

playerID	year	tmID	pos	GP	G	A	Pts	SOG
amontto01	2006	CAL	R	81	10	20	30	139
amontto01	2005	CAL	R	80	14	28	42	155
terrigr01	1980	LAK	L	73	12	25	37	92
harkibr01	1994	BOS	C	1	0	1	1	1



Scoring.csv

Year
↓

playerID	year	tmID	pos	GP	G	A	Pts	SOG
amontto01	2006	CAL	R	81	10	20	30	139
amontto01	2005	CAL	R	80	14	28	42	155
terrigr01	1980	LAK	L	73	12	25	37	92
harkibr01	1994	BOS	C	1	0	1	1	1



Scoring.csv

ID of the team



playerID	year	tmID	pos	GP	G	A	Pts	SOG
amontto01	2006	CAL	R	81	10	20	30	139
amontto01	2005	CAL	R	80	14	28	42	155
terrigr01	1980	LAK	L	73	12	25	37	92
harkibr01	1994	BOS	C	1	0	1	1	1



Scoring.csv

Position



playerID	year	tmID	pos	GP	G	A	Pts	SOG
amontto01	2006	CAL	R	81	10	20	30	139
amontto01	2005	CAL	R	80	14	28	42	155
terrigr01	1980	LAK	L	73	12	25	37	92
harkibr01	1994	BOS	C	1	0	1	1	1



Scoring.csv

Games played



playerID	year	tmID	pos	GP	G	A	Pts	SOG
amontto01	2006	CAL	R	81	10	20	30	139
amontto01	2005	CAL	R	80	14	28	42	155
terrigr01	1980	LAK	L	73	12	25	37	92
harkibr01	1994	BOS	C	1	0	1	1	1



Scoring.csv

Goals



playerID	year	tmID	pos	GP	G	A	Pts	SOG
amontto01	2006	CAL	R	81	10	20	30	139
amontto01	2005	CAL	R	80	14	28	42	155
terrigr01	1980	LAK	L	73	12	25	37	92
harkibr01	1994	BOS	C	1	0	1	1	1



Scoring.csv

Assists



playerID	year	tmID	pos	GP	G	A	Pts	SOG
amontto01	2006	CAL	R	81	10	20	30	139
amontto01	2005	CAL	R	80	14	28	42	155
terrigr01	1980	LAK	L	73	12	25	37	92
harkibr01	1994	BOS	C	1	0	1	1	1



Scoring.csv

Points = Goals + Assists



playerID	year	tmID	pos	GP	G	A	Pts	SOG
amontto01	2006	CAL	R	81	10	20	30	139
amontto01	2005	CAL	R	80	14	28	42	155
terrigr01	1980	LAK	L	73	12	25	37	92
harkibr01	1994	BOS	C	1	0	1	1	1



Scoring.csv

Shots on goal



playerID	year	tmID	pos	GP	G	A	Pts	SOG
amontto01	2006	CAL	R	81	10	20	30	139
amontto01	2005	CAL	R	80	14	28	42	155
terrigr01	1980	LAK	L	73	12	25	37	92
harkibr01	1994	BOS	C	1	0	1	1	1



Team Data



Teams.csv

year	tmID	name
1999	PHO	Phoenix Coyotes
2010	AND	Anaheim Ducks
2011	NJD	New Jersey Devils



TeamSplits.csv

year	tmID	OctW	OctL	OctT	OctOL
2008	DAL	4	5		2
2008	DET	7	2		2
2008	EDM	4	4		1



TeamSplits.csv

October wins



year	tmID	OctW	OctL	OctT	OctOL
2008	DAL	4	5		2
2008	DET	7	2		2
2008	EDM	4	4		1



TeamSplits.csv

October losses



year	tmID	OctW	OctL	OctT	OctOL
2008	DAL	4	5		2
2008	DET	7	2		2
2008	EDM	4	4		1



TeamSplits.csv

October ties



year	tmID	OctW	OctL	OctT	OctOL
2008	DAL	4	5		2
2008	DET	7	2		2
2008	EDM	4	4		1



TeamSplits.csv

October overtime losses



year	tmID	OctW	OctL	OctT	OctOL
2008	DAL	4	5		2
2008	DET	7	2		2
2008	EDM	4	4		1



Year 2010

September 2010 – April 2011

