

**Tabela 1:** Transformation

Dimension	Original Attribute	Original Interval	Transformed Attribute	Transformed Values	Technique
Temporal	Expected Arrival Departure	01/01/2009 0:00 to 28/02/2015 23:59	Year	2009 to 2015	Conceptual Hierarchy
			Month	1 to 12	Conceptual Hierarchy
			Day of Week	Sunday to Saturday	Conceptual Hierarchy
			Business Day	True and False	Conceptual Hierarchy
			Day Period	Early morning: 5:00 to 8:59 Mid morning: 9:00 to 10:59 Late morning: 11:00 to 12:59 Afternoon: 13:00 to 16:59 Early evening: 17:00 to 19:59 Late evening: 20:00 to 22:59 Night: 23:00 to 4:49	Conceptual Hierarchy
			Temperature	Baixo: -3 to 21 Médio: 21.1 to 26 Alto: 26.1 to 41	Smoothing
Meteorologic	Dew point	-24 to 32	Dew point	Baixo: -24 to 15 Médio: 15.1 to 19 Alto: 19.1 to 32	Smoothing
Meteorologic	Pressure	996 to 1036	Pressure	Baixo: 996 to 1014 Médio: 1015 to 1018 Alto: 1019 to 1036	Smoothing
Meteorologic	Humidity(%)	5 to 100	Humidity	Baixo: 5 to 65 Médio: 66 to 83 Alto: 84 to 100	Smoothing
Meteorologic	Wind Speed (km/h)	0 to 51.9	Wind Speed	Baixo: 0.0 to 7.4 Médio: 7.5 to 14.8 Alto: 14.9 to 51.9	Smoothing
Meteorologic	Wind Direction (degrees)	0 à 360	Wind Direction	N: 349 to 11 NNE: 11 to 33 NE: 34 to 56 ENE: 57 to 78 E: 79 to 101 ESE: 102 to 123 SE: 124 to 146 SSE: 147 to 168 S: 169 to 191 SSO: 192 to 213 SO: 214 to 236 OSO: 237 to 258 O: 259 to 281 ONO: 282 to 303 NO: 304 to 326 NNO: 327 to 348 N: 349 to 11 NNE: 11 to 33	Conceptual Hierarchy