Data Model vs. Data Format

After this video you will be able to

- Explain the difference between a serialized representation of data and data model

Data Format – An Example

```
197000000001,1970,0,0,,0,,58,Dominican Republic,2,Central America & Caribbean,,Santo
Domingo,18.456792,-69.951164,1,0,,,1,1,1,0,,,0,1,0,1,Assassination,,,,,14,Private Citizens & Property,68,Named Civilian,,Julio
Guzman,58,Dominican
Republic,,,,,,,,,,,,,,,,,MANO-D,,,,,,0,,,,,,,,,,,,,,13,Unknown,,,,,,,,,,,,,,,,,1,,,0,,,0,,,,0,,,,,0,,,,,,,,,,,,PGIS,0,0,0,0,
197000000002,1970,0,0,,0,,130,Mexico,1,North America,,Mexico city,19.432608,-99.133207,1,0,,,1,1,1,0,,,0,1,0,6,Hostage Taking
(Kidnapping),,,,,7,Government (Diplomatic),45,"Diplomatic Personnel (outside of embassy, consulate)",Belgian Ambassador Daughter,"Nadine
Chaval, daughter",21,Belgium,,,,,,,,,,,,,,,,,,23rd of September Communist
League,,,,,,,0,,,7,,,,,,,,,,,13,Unknown,,,,,,,,,,,,,,,0,,,0,,,0,,,,1,1,0,,,Mexico,1,800000,,,,,,,,,,,PGIS,0,1,1,1,
197001000001,1970,1,0,,0,,160,Philippines,5,Southeast
Asia,Tarlac,Unknown,15.478598,120.599741,4,0,,,1,1,1,0,,,0,1,0,1,Assassination,,,,,10,Journalists & Media,54,Radio
Journalist/Staff/Facility,Voice of America,Employee,217,United
States,,,,,,,,,,,,,,,,,Unknown,,,,,,0,,,,,,,,,,,,,,13,Unknown,,,,,,,,,,,,,,,,,1,,,0,,,0,,,,0,,,,,0,,,,,,,,,,,,PGIS,-9,-9,1,1,
197001000002,1970,1,0,,0,,78,Greece,8,Western Europe,,Athens,37.97918,23.716647,1,0,,,1,1,1,0,,,0,1,0,3,Bombing/Explosion,,,,,7,Government
(Diplomatic),46,Embassy/Consulate,,U.S. Embassy,217,United
States,,,,,,,,,,,,,,,,,Unknown,,,,,,0,,,,,,,,,,,,,,6,Explosives/Bombs/Dynamite,16,Unknown Explosive
Type,,,,,,,,,,,,,Explosive,,,,,,,1,,,,,0,,,,,,0,,,,,,,,,,,,PGIS,-9,-9,1,1,
197001000003,1970,1,0,,0,,101,Japan,4,East Asia,,Fukouka,33.580412,130.396361,1,0,,,1,1,1,-9,,,0,1,0,7,Facility/Infrastructure
Attack,,,,,7,Government (Diplomatic),46,Embassy/Consulate,,U.S. Consulate,217,United
States,,,,,,,,,,,,,,,,,Unknown,,,,,,0,,,,,,,,,,,,,,8,Incendiary,,,,,,,,,,,,,Incendiary,,,,,,,1,,,,,0,,,,,,0,,,,,,,,,,,,PGIS,-9,-9,1,1,
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197000000001	1970	0	0	...
197000000002	1970	0	0	...
197001000001	1970	1	0	...

CSV does not mean Relational

Jack, profession, plumber, age, 35, wife, Jill
Jill, profession, baker, age, 32, husband, Jack
Peter, profession, auto mechanic, age, 36, friend, Jack