|  |  |  |  |
| --- | --- | --- | --- |
| **Table : 1 Data Set Description** | | | |
| **Variable** | **Description** |
| Year | The data take year from 2000-2012 at least. |
| District | The data to collected 38 district of Bihar in India |
| Crop | Plants like a [Rice](https://en.wikipedia.org/wiki/Rice), [wheat](https://en.wikipedia.org/wiki/Wheat), Maize, cereal crops etc. from particular area |
| Area | The total area of agriculture plants region in Hectares. |
| Tanks | No of Tanks in a particular district |
| Bore Wells | No of Bore Wells in particular district |
| Open Wells | (Sole Irrigation) No of Open Wells in particular district |
| Production | The production of crop in the specified year in Metric Tons |
| Yield | It specifies in Kilogram per hectare |

|  |  |
| --- | --- |
| Wether details | Wether details as for each session. Because Weather prediction is an inevitable part of crop yield prediction |
| Crop genotype | Genotype for accurate prediction |
| Enviorment details | Enviorment details like soil type etc. |
|  | |