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| S.No | Problem Statement | Category | Datasets |
| 1 | Vehicle Number Plate detection -  Identify the license place in the image and do an OCR to extract the characters from the detected license plate | Object detection & OCR |  |
| 2 | Forecast energy usage of households. - *Forecast the electricity consumption of top 3 households with highest number of samples on an* ***hourly*** *basis based on the previous usage pattern. The major features for analysis includes household id, the plans used (standard or dynamic time of use), date, time, meter readings in Kwh and acorn groups* | Time series analysis |  |
| 3 | Interactive Railway Reservation -  Build a ChatBot for a railway reservation system. The Bot should be able to maintain a conversation with the user regarding the booking of ticket, source and destination, general FAQs etc. Additional Features such as Auto Correct, Spell Check, Auto Suggest will be given additional weightage | Chat Bot | To be built on your own |
| 4 | Taxonomy Creation   * For the given content, come up   With a solution to build the taxonomy. | NLP | <https://www.kaggle.com/c/facebook-recruiting-iii-keyword-extraction/data> |
| 5 | Face Recognition – Identify the Age, Emotion & Ethnicity of a person. | Computer Vision |  |