1. A description of the business venture and product/service/concept

= XXX is a AI-powered swipe-based recruiting assistant platform that phenomenally speeds up the job application procedure for both the applicants and the employers while giving a human touch to the whole process. Applicants and employers swipe on each other to get together!

1. The application of data science tools/techniques in solving the business challenge

= XXX has 3 sections:

1. Applicant Portal
2. XXX Brain
3. Employer Portal

XXX Brain has three regions:

1. Fore Brain:

Recommendation engines to create the feed with job postings and course/training ads for the Applicant Portal that most suits the applicant profile and his application behavior

1. Mid Brain (Left):

Transformer-based language generation model that uses attention and self-attention mechanisms to generate a unique cover letter based on the applicant profile, his resume and the job description he applied for (applicant corpus)

1. Hind Brain:

Natural Language Processing model that analyses applicant corpus and certain selection criteria categories that the employers have shared with XXX (undisclosed to applicant). Then, Hind Brain gives out a score to an applicant for each category which is weighted to get a final score. Candidates are arranged in a descending order on the Employer Portal for employers to filter. Employers swipe right on the candidates that they want or they can set a limit ’n’ to select top ’n’ candidates. Rejected candidates are sent to Mid Brain (Right)

employer criteria

1. Mid Brain (Right):

Transformer-based language generation model that uses attention and self-attention mechanisms to generate a unique rejection mail using the, Hind Brain scores and the applicant corpus

1. The competitive advantage created using data science tools/techniques

Our XXX basically works as a super-hardworking secretary provider to the applicant and the employer. It enables faster application procedure which is otherwise extremely tedious with almost the same with same types of questions for each position. This especially helps the people who have been laid off and need to find a job within a specific time duration before getting deported. Employer time is saved as they get the filtered out candidates. XXX also solves ghosting by crafting a unique letter which automatically goes to the applicants with the things the applicant must work on, thus helping in their improvement.