

Case study:

Building, Verifying and Validating Customized Language Corporuses

The client had a mandate for us to provide them a ready to integrate, built, verified and validated language corpus solution to power the predictive engines on their devices.

Client:

World's largest manufacturer of consumer electronics and semi-conductors. Headquartered in South Korea.

Challenge:

The client wanted KeyPoint Technologies to power their mobile devices with a ready to integrate, built, verified and validated language corpus, vocabulary, test set, rules, n-grams for more than 30 languages. The languages included a mix of Asian and Global languages.

Solution

KeyPoint technologies a leader in the language space using advanced techniques in natural language processing, machine learning and machine intelligence, provided the client with the below mentioned services;

Services included:

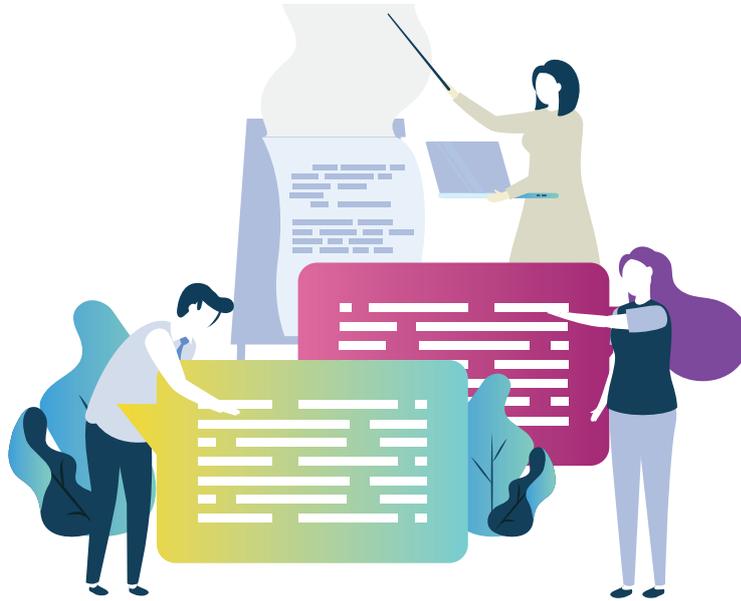
- 1) Built & Ready to Integrate Language Corpus
- 2) Verification and Validation

KeyPoint used its experience in the domain to deliver the desired result by;

- NLP Algorithms for Romanization and Transliteration of Indic and other Global Languages
- Accurate Predictions using Advanced Deep Learning Methods
- Sentiment Analysis Algorithms for Multiple Languages
- Advanced In-house Quality Evaluation Tools-Keystroke Savings, Error Correction Accuracy, Auto Correction Accuracy
- Translation algorithms for Emoji Prediction across languages

Conclusion

- Provided a customized, built language corpus for multiple languages
 - Validated and verified support for multiple languages
 - Romanization and Transliteration for different languages
 - Accurate Predictions.
 - Emoji Prediction.
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About KeyPoint Technologies

KeyPoint Technologies through its proven expertise has pioneered native language messaging and communication with world's largest language base. Spearheading research in linguistics and AI, it has built the best suited next generation language and device solutions. We are trusted partners to OEMs, Operators, and App Developers for developing intelligent interfaces, engines & input experiences. Our product range includes world's first AI powered, user-initiated, multi-lingual, search and discovery platform, Xplore; A multilingual, multipurpose conversational chatbot called Xbot. We are also identified as a leader in the localization industry, providing end-to-end translation and localization solutions to help our clients attain their global communication, marketing and revenue goals.

