# Job details

Flying High Airlines is focused on leveraging cutting-edge technology and data analysis methods to have planes available for our clients. We need a talented Natural Language Processing (NLP) data scientist to drive our online strategy and develop a market-leading intuitive system based on data analysis to focus our UI developers and marketing teams. This function is a key role that works directly with our executive management team to provide mission-critical advisement.

# About the company

Flying High Airlines is a charter airline company that caters to Fortune 50 executives, high rollers, and celebrities. We were established in 2007, and we’ve grown our headquarters in beautiful Agoura Hills, California to accommodate our growing team. We are a team of driven leaders with expertise in data analytics and actionable business plans. If you want to leverage state-of-the-art tech in a high-end luxury business, then we want to talk to you!

# Role

* Build and implement advanced machine learning models for ﬂight arrival/departure prediction applications
* Research, develop, and evaluate advanced text speech and ATI Messaging processing algorithms and implementations
* Prototype and build algorithms & advanced machine-learning techniques
* Create innovative solutions in areas such as machine learning, computational linguistics, NLP, advanced and semantic information search, extraction, and classiﬁcation
* Develop and maintain the client and NLP pipeline for document data extraction semantics
* Create user-friendly, secure products with high performance and
* Work with stakeholders to leverage company data and drive optimized business solutions

# Beneﬁts

* $125,000–170,000 per year with annual performance bonuses
* Full coverage health insurance (vision, dental, life)
* Onsite gym facility with wellness and diet assistance programs available
* Special programs with season passes for local sporting and cultural events
* 401(k) and proﬁt-sharing plan

# Qualiﬁcations

* Master’s or Ph.D. in statistics, mathematics, computer science, artiﬁcial intelligence, machine learning, or another quantitative ﬁeld
* 5+ years of professional experience as a data scientist or software developer
* Experience establishing supervised and unsupervised learning Client/NLP models
* Experience with text classiﬁcation topic mining, speech enhancement, and speech/audio coding and compression
* Hands-on experience with feature extraction techniques for voice recognition and audio event classiﬁcation
* Solid understanding of developing and creating real-world AI/ML applications
* Deep knowledge of popular ML frameworks including TensorFlow, PyTorch Keras, Spark ML, Scikit-learn, XGBoost, H2O, etc.