

Astrology and Machine Learning: Can Algorithms Better Predict What Will Happen to People

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Abstract

Machine learning has grown very quickly, which has changed predictive models in many areas. However, some people are not sure if it can beat belief-based systems like astrology at predicting what will happen in people's lives. Astrological systems use astronomical patterns and symbolic interpretation to make predictions. This study compares the prediction skills of algorithmic models created in Machine Learning and astrological systems. Our study's goal is to look into how machine learning models use very large datasets, statistical patterns, and computer-based methods to make predictions about people's behavior, decisions, and the results of their lives. Astrology, on the other hand, is based on broad correlations between the positions of the planets and human traits. As a result, its statements are not backed up by evidence and can not be made over and over again. By showing the differences between data-driven forecasts and interpretive belief systems, the study shows how the two approaches are different in how they work. Despite the fact that machine learning models have been shown to be correct, the study also looks into the psychological appeal of astrology. There are a number of reasons why astrology is still useful, even in places with a lot of technology. Cognitive biases, emotional demands, and cultural affects are some of these factors.

Keywords: Machine Learning , Astrology , Predictive Modeling , Artificial Intelligence

Introduction

Both scientific study and cultural beliefs have been interested in the idea of being able to predict human behavior and the outcomes of life since the beginning of time. Astrology has usually used the positions of the celestial bodies to try to figure out what will happen in the future and how people's personalities are. New developments in machine learning, on the other hand, have led to the creation of data-driven systems that can spot trends and make predictions that are more and more accurate. Because of this difference, an important question comes up: can computer models make more accurate predictions than traditional astrological systems? Astrology is the study of how the moves of the planets can be used to interpret what people are going through. It often gives general interpretations that people think are important to them personally. Even though it has not been proven by real-world study, it still affects how people in different cultures make decisions and see themselves. Machine learning, on the other hand, uses computer algorithms, huge amounts of data, and statistical analysis to find trends and make predictions. There is a lot of use for these models in areas like healthcare, banking, and behavioral analysis, where accuracy and dependability are very important. When you look at astrology and machine learning side by side, you can see a bigger difference between belief-based and evidence-based ways of knowing. Astrology, on the other hand, uses explanations that are based on culture and intuition, while machine learning focuses on results that can be

measured, validation, and ongoing growth through data. To be fair, the fact that astrology is still around shows that acceptance of a system is not just based on how well it predicts the future; psychological and social factors also play a big role in general acceptance of a system. This paper looks at the connection between machine learning and astrology by looking at their different approaches, ability to predict the future, and basic ideas. The point of this study is to find out if computers can better predict what will happen in people's lives than astrology. It also looks into why astrology is still useful in this day and age of AI. Through this examination, the study adds to our deeper knowledge of how traditional beliefs and new technologies work together to shape how people think about the future.

Principles of Astrological Prediction

Astrophysicians try to tell the future by looking at the stars and planets and thinking that the connections between them are like symbolic links. Astrology is the study of how patterns in the sky can be used to figure out things about a person's behavior, life, and future. This understanding comes from traditional traditions that have been around for a long time. Unlike empirical systems, it does not depend on measurable causality. Instead, it uses interpretive frameworks to find a link between what people feel and how the earth moves. These rules give astrologers the information and ideas they use to make their forecasts and understandings.

Planetary Positions and Interpretation

Knowledge of the exact positions of the planets at a certain time, especially when a person is born, is one of the most important parts of astrological predictions. People say that each planet is linked to a different trait, like emotion, intelligence, communication, or ambition, and that the planet's place in the zodiac can affect how these traits will show up.

It is important to remember that astrological analysis looks at more than just where the planets are. It also looks at how they relate to each other, which are often called aspects and can be conjunctions, oppositions, or other types of connections. Scientists think that these interactions change both the strength and type of the planet's impacts. Transits, which are the movement of planets through space and time, are another way to predict big changes or events that will happen in a person's life.

Because this system relies on symbolic correspondence instead of direct cause and effect, the movements of the planets are seen as indicators or reflections of life patterns rather than as the result of physical forces acting on them.

Horoscope and Birth Chart Analysis

The horoscope, which is also sometimes called the birth chart, is one of the most important tools used in astrological forecasts. In astrology, a natal chart shows where and when different heavenly bodies were at the exact moment and place of a person's birth. This chart is divided into twelve parts, and each one represents a different area of life, like identity, relationships, job, and personal growth.

Astrologers try to get a full picture of a person's personality and life path by looking at how the planets are spread out in these parts of the chart. The birth chart can also be used to find out about possible strengths, weaknesses, problems, and chances. It gives direction instead of predetermined outcomes.

When astrologers try to tell the future, they look at how the planets are moving right now and compare that to where the person was born to see how the ongoing changes in the universe

might affect that person. Using this method, one can get readings about future trends, the time of events, and changes that might happen in their life.

A lot of complicated symbolic interpretation is used in astrology to make accurate predictions. This interpretation is based on looking at birth charts and the movements of the planets. A big reason why this framework is used so much is that it can help tell important stories about human experience and future possibilities, even though it has not been proven to work in the real world.

Predictive Accuracy and Reliability

In order to judge predictions, clear standards for correctness, uniformity, and usefulness need to be set. These factors are mentioned in modern times in the field of machine learning. This is the method used to test models using measurable results and statistical confirmation. Astrological predictions, on the other hand, are based on interpretations that are hard to judge in a consistent and organized way. We will look at the ways that the predictive accuracy of machine learning is tested in this part. We will also stress the limitations of astrological approaches.

Evaluation Metrics in Machine Learning

The goal of these models is to find patterns in data and make predictions that can be checked independently. More and more people are using machine learning models. These models are judged on how well they predict outcomes using clear metrics that can be used to measure these models' success.

When it comes to classification tasks, the F1-score, accuracy, precision, and recall are all popular ways to measure performance. Measuring regression problems with mean squared error (MSE) or mean absolute error (MAE) is another popular way to do this. Because of these factors, researchers can compare models, improve performance, and be sure that the models will work across a wide range of datasets. Cross-validation and other techniques are also used to help make sure that models can work with data other than the data they were trained on.

In addition, consistency is a very important part. You can check if machine learning models are right by comparing their results to real-world data after they have been tested many times in controlled settings. For this reason, they work really well for challenging tasks that need a high level of accuracy, like medical diagnosis, financial predictions, and behavioral analysis.

Limitations of Astrological Predictions

Astrological prediction, on the other hand, does not have any clear rules for how accurate and reliable its predictions should be. Predictions are hard to judge in a consistent or objective way because their meanings are often broad, changeable, and open to different readings. It is hard to judge predictions because of this.

One big problem that needs to be thought about is the lack of empirical proof. There are no controlled studies or data tests that show that astrologers can consistently make accurate predictions to back up what they say. Another thing to think about is that because astrology is interpretive, predictions can be changed after the fact. This makes it harder to be sure that they are correct and harder to evaluate in a structured way.

There is also the issue of making broad statements. Because people have cognitive biases like selective attention and personal interpretation, astrological readings often use general statements that can be used in many different scenarios. These words might make it seem like

they are true. The accuracy and detail of astrological predictions are both going down because of this trend.

Astrology also does not give any good answers for the connections between the positions of the celestial bodies and the things that happen in people's lives. Since it does not have a scientifically sound model for explaining things, its predictions are still just symbols and not based on facts.

Astrology does not have the tools needed for objective validation, even though machine learning does have reliable ways to measure expected accuracy and make sure dependability. This difference makes it clear the difference between data-driven prediction and interpretive belief systems. It also shows how useful scientific methodology is for testing and improving forecast accuracy.

Uses of machine learning to predict what will happen to people

Machine learning is becoming more and more common, which has made it much easier to predict how people will act in many different areas. Machine learning models can look at very large datasets and find complicated patterns in them in order to come up with ideas that can be used to make very accurate decisions. Unlike most belief-based systems, these applications are built on real-world data, statistical validation, and the constant improvement of models.

Healthcare and Behavioral Analysis

In healthcare, predictive models are used to improve the accuracy of diagnosis, the planning of treatment, and the results for patients. This is one of the most important uses of machine learning. Using algorithms that can look at medical records, genetic information, and real-time health data can help find people who might be more likely to get diseases like diabetes, heart disease, and cancer. Being able to act at the right time is made possible by early warning systems that use machine learning. This could save lives.

Behavioral analysis uses machine learning to look for trends in how people act, think, and feel, as well as their decisions and actions. As an example, computers can predict possible threats to mental health by looking at things like how people talk, what they do on social media, or data from devices they wear. Individualized interventions and better mental health in general can be made better thanks to these findings.

Also, recommendation systems can accurately predict what users will like and do, which makes the user experience better and keeps them interested. These systems are used in sites for education, entertainment, and e-commerce. These examples show how machine learning can be used to figure out complicated human patterns that have real-world effects.

Financial and Career Forecasting

One more important thing that machine learning plays a role in is making decisions about a person's job and financial future. In the world of finance, computers are used to predict how stocks will move, figure out how risky a loan is, and spot fraud. These programs look at historical statistics, market trends, and economic indicators. Because these tools can predict the future, it is possible to make smarter decisions about investments and risk management.

When machine learning models are used for career forecasting, they look at skills, schooling, and job market trends to suggest career paths and predict job success. There are algorithms that recruitment platforms use to match people with good job chances. This makes the hiring process more efficient and effective.

Companies also use prediction analytics to look at how well their employees are doing, the risks of keeping them, and their training needs. By looking for patterns in the information they get from their employees, companies can make decisions that boost both productivity and employee happiness.

The use of machine learning to predict what will happen in people's lives shows that it works as a data-driven and evidence-based approach. It is a powerful tool that can be used in many areas, such as healthcare, behavior, finance, and job development, because it can handle huge amounts of data and turn them into useful insights. The accuracy and reliability it offers are better than those of other predictive systems.

Conclusion

The contrast between astrology and modern predictive algorithms sheds light on the distinctive distinction that exists between symbolic interpretation and data-driven analysis. This distinction is brought to light by the comparison between the two. Despite the fact that astrology offers a conventional framework that is founded on astrological patterns and cultural significance, advancements in machine learning have made it possible to develop powerful algorithms that are able to analyze complex data and generate forecasts that are exceptionally accurate. The transition from approaches that are based on ideas to procedures that have been proven by scientific study is an important step in the process of understanding human outcomes. The advantages of machine learning are easily obvious in terms of the accuracy of predictions, dependability, and adaptability of the system. By utilizing empirical data, statistical evaluation, and continuous refinement, it is able to give consistent and testable conclusions across a wide range of sectors, including healthcare, finance, and behavioral analysis. This is made possible by the fact that it is able to deliver these results. The fact that it includes these characteristics turns it into a system that is more dependable and effective when it comes to predicting the results of scenarios that occur in the actual world. The prolonged existence of astrology, on the other hand, is evidence that the accuracy of predictions is not the only criteria that defines the significance of something. Astrology continues to fulfill the psychological and cultural needs of individuals by offering them a feeling of significance and identity, as well as a sense of direction in situations where they are unclear. Machine learning models, despite their precision, do not inherently equip users with the ability to interpret their experiences in ways that resonate with them on a personal level. This is what makes machine learning models so frustrating. The reason for this is that the material is structured in a way that is both narrative and symbolic. The findings of this study suggest that astrology and machine learning serve different goals, as the conclusion of this study indicates. While algorithms are superior when it comes to objective prediction and practical application, astrology continues to make a substantial contribution as a tool for subjective interpretation and emotional perception. This is despite the fact that algorithms are superior. Machine learning coexists alongside astrology rather than totally replacing it. This is a reflection of the dual human predisposition toward both scientific reasoning and symbolic meaning-making. Rather than completely replacing astrology, machine learning coexists alongside it.

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