NEUROSEED

LIGHTPAPER
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Contents are subject to
changes and improvements.

The Fourth Industrial revolution brings the implementation of such technologies like Big Data, Internet of Things, Virtual Reality, Augmented Reality, Machine Learning and Artificial Intelligence. Current market requirements are changing rapidly and use of ML based software can significantly increase business competitive advantages in the context of globalization.

PROBLEM DESCRIPTION

Machine learning is becoming more popular every day and more in demand. But still wide range of obstacles hamper the implementation of the new technology:

- Training of ML models is a very long and expensive process
- Reusing of already trained ML models or using them as the basis for new developments can solve the problem, but there are no guarantees that the models are correct and have not been altered with malicious intent
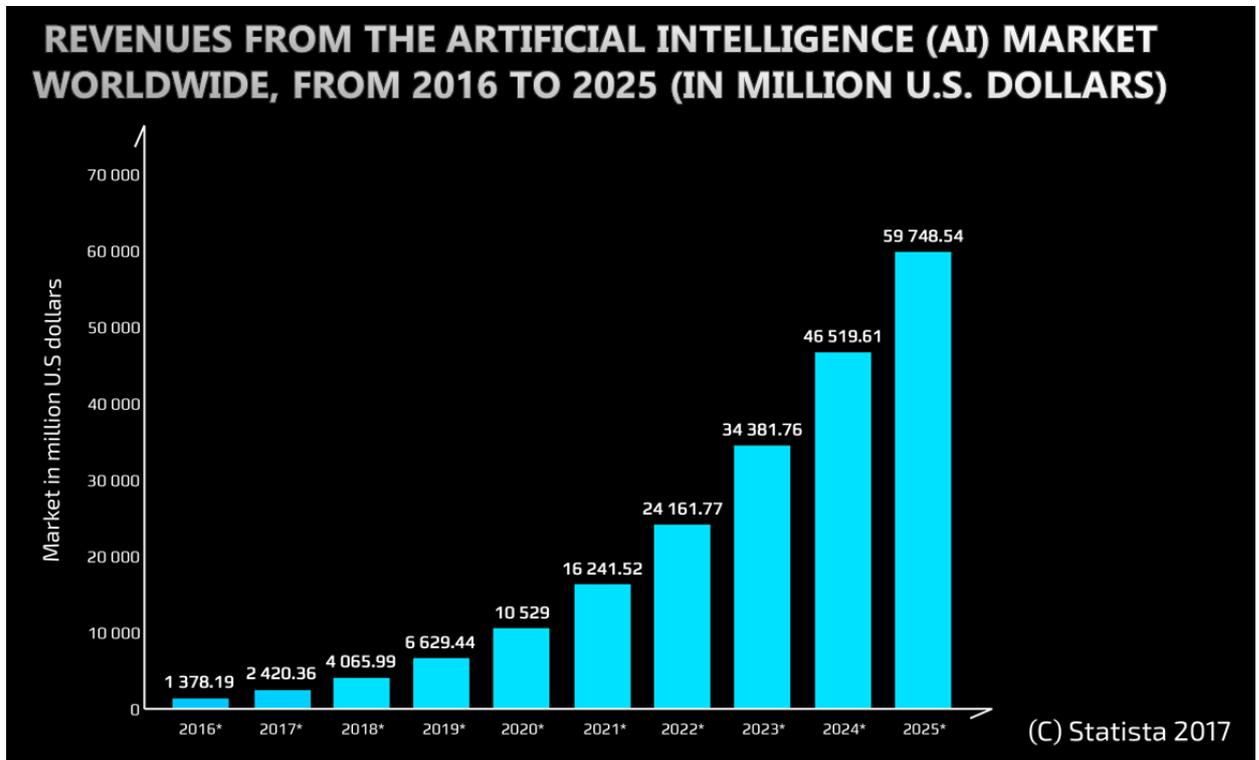
NEUROSEED SOLUTION

The platform solves these problems by creating a digital trust in Big Data and trained ML models by combining cryptographic and blockchain technologies. Thus NeuroSeed creates the required conditions for the creation and development of the Machine Learning market. The platform uses its own blockchain system to provide a reliable tool for creating, validating, trading and reusing datasets for training and already trained ML models.

NEUROSEED ADVANTAGES AND INNOVATIONS

- A unique ecosystem for Machine Learning
- Guaranteed unchanged and reliable datasets and ML models
- Ability to combine datasets
- Making payments using micropayment technology that significantly reduces the overhead of payments
- Merging several ML models into one
- Opportunity to reuse of already trained ML models as the basis or as the component for new developments that significantly reduces the cost of development and accelerate the learning process of new models
- Ability to quickly and cheaply prove concepts based on Machine Learning
- Opportunity to train individual and entire clusters of interrelated ML models
- Using the blockchain to check the integrity, consistency and reliability of datasets and ML models
- Validation of datasets and ML models by companies with domain expertise

MARKET REVIEW

To predict the exact size of the Artificial Intelligence market even for the nearly future is impossible. A low-key forecast shows that by 2025 the market will grow up to $ 60 billion per year. This knowledge leads to integration of the Machine Learning into all spheres of economy, science and business.
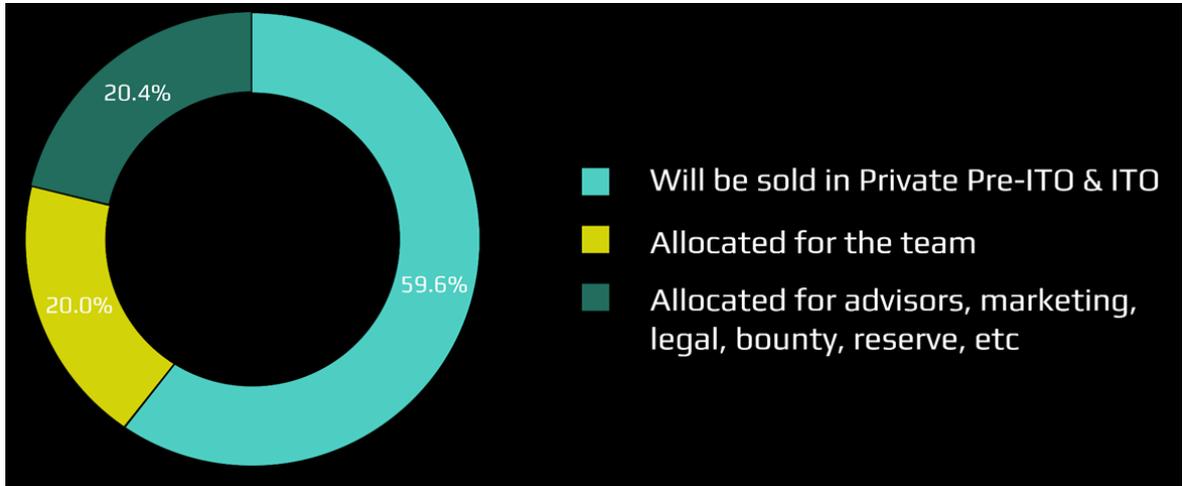
NEUROSEED MARKETPLACE

NeuroSeed marketplace provides a reliable and guaranteed method of receiving financial rewards for all participants on the platform:

- ML-developers can create new solutions faster by reusing of ML models as well as are paid for each API-call to a trained ML model
- Big Data owners are paid for using their datasets needed for training ML models
- Validators are paid for validating datasets and ML models
- Major services are paid for providing computing power and data storage

TOKEN ALLOCATION

Utility token NSD is used for all kinds of platform interactions between all participants. Therefore, the token will be in demand and its value will grow along with the number of trained ML models, the number of clients and API calls, and it means the activity on the platform.

Visit our website: neuroseed.io

Our Telegram channel: t.me/NeuroSeed

Check our White Paper