

SCIENTIFIC ADVISOR'S REFERENCE

Program:	Master in Management
Student:	Ilia Mazurov
Title of thesis:	RESEARCH OF AI HEALTHCARE COMPANIES IN AI RACE LEADING COUNTRIES BASED ON CRUNCHBASE DATASET

<p>Justification of the topic choice. Accuracy in defining the aim and objectives of the thesis. Justification of the topic choice; accuracy in defining the aim and tasks of the thesis; originality of the topic and the extent to which it was covered; alignment of the thesis' topic, aim and objectives.</p> <p>Within the field of Artificial Intelligence (or AI) innovation industry adoption, Healthcare is one of the most popular areas. For all the hype surrounding advanced analytics, machine learning and other data innovations, a remarkable number of startups and healthcare organizations are starting AI adoption. This fact influences investors' activity in healthcare industry.</p> <p>Taking into account all above, the master thesis of Ilia Mazurov seems to be surely topical. The title, research problem and research questions are clearly specified. The goal is real, accurately expressed and the tasks are defined in a good form.</p>
<p>Structure and logic of the text flow. Logic of research; full scope of the thesis; alignment of thesis' structural parts, i.e. theoretical and empirical parts.</p> <p>The thesis is organized in a logical way. The structure of the research is divided into several parts. In the first chapter Ilia Mazurov discusses the research background and context of the AI, its applications in healthcare and investment issues. Then author formulates the goal of the thesis, research questions and objectives. In the second chapter author identifies the most developed AI countries, reviews policies and approaches to state regulation of AI. In the third chapter Ilia Mazurov presents research of AI healthcare companies in AI leading countries. He describes data collection, analysis and research results. In conclusion with managerial recommendations are provided. Both theoretical and empirical part of the thesis are consequently aligned in terms of their structure.</p>
<p>Quality of analytical approach and quality of offered solution to the research objectives. Adequacy of objectives coverage; ability to formulate and convey the research problem; ability to offer options for its solution; application of the latest trends in relevant research are for the set objectives.</p> <p>For this research the cross analysis of quantitative and qualitative data of the mixed approach was used. Author demonstrates ability to formulate and convey the research problem and to offer options for its solution applying the latest trends in relevant research.</p>
<p>Quality of data gathering and description. Quality of selecting research tools and methods; data validity adequacy; adequacy of used data for chosen research tools and methods; completeness and relevance of the list of references.</p> <p>The datasets used in this thesis is therefore accessible to the public and does not infringe or breach any confidentiality. Quality of selecting research tools and methods is good. Author demonstrates adequacy of used data for chosen research tools and methods. The data samples are described and analysed. The list of Reference is complete and relevant.</p>
<p>Scientific aspect of the thesis. Independent scientific thinking in solving the set problem/objectives; the extent to which the student contributed to selecting and justifying the research model (conceptual and/or quantitative), developing methodology/approach to set objectives.</p> <p>Author established a good example of independent scientific thinking in solving the set of stated problems/objectives of research by conducting the study and interpreting the results. Research methods are well justified and research results are related with the aim/objectives of the study. The main theoretical implication is related to AI industry and investor's willingness to invest maturity assessment research. I plan to cooperate with Ilia in publication the joint paper in international journal.</p>
<p>Practical/applied nature of research. Extent to which the theoretical background is related to the international or Russian managerial practice; development of applied recommendations; justification and interpretation of the empirical/applied results.</p> <p>The study develops a significant contribution to ongoing work in the AI domain for firms planning to incorporate AI into their products, namely in healthcare, and providing basis for investors' strategic research in AI healthcare.</p>
<p>Quality of thesis layout. Layout fulfils the requirements of the Regulations for master thesis preparation and defence, correct layout of tables, figures, references.</p> <p>Layout fulfils the requirements of the Regulations for master thesis preparation and defence. All the tables and figures are properly edited and represented.</p>
<p>Originality of the text. All sources of match identified by the Safe Assign system follow the allowed cases, the paper does not contain</p>

any elements of plagiarism.

All sources of match identified by the Safe Assign system follow the allowed cases, the paper does not contain any elements of plagiarism.

The Master thesis of **Ilia Mazurov** meets the requirements for master thesis of MIM program thus the author of the thesis can be awarded the required degree.

Date: 10.06.2020

Scientific Advisor:

Asc. Professor S.A. Yablonsky

